



Origination 02/2026
Last 02/2026
Approved
Effective 02/2026
Last Revised 02/2026
Next Review 02/2027

Owner Tamara
Raymond: Mgr,
Laboratory
Quality
Area Laboratory
Services
Applicability Hospitals + MG +
Lab AG

Laboratory Reference Ranges

Please see the attached file.

Attachments

[2026 Laboratory Reference Ranges.pdf](#)

Approval Signatures

Step Description	Approver	Date
CLIA Director	Karen Kaul: Clinical Chair, Path & Lab Med	02/2026
Administrative Director	Mark Delamar: Dir, Laboratory	02/2026
	Tamara Raymond: Mgr, Laboratory Quality	02/2026

Applicability

Legacy NorthShore Hospitals, NorthShore Medical Group, Northshore Laboratory

Standards

No standards are associated with this document

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Laboratory Reference Ranges

Test ID	Order Code Name	Reference Range Information
8001	ABO	ABO European Americans: 45% Group O, 40% Group A, 11% Group B, 4% Group AB African Americans: 49% Group O, 27% Group A, 27% Group B, 4% Group AB
9851	ABO RH AUTOMATED	ABO: European Americans: 45% Group O, 40% Group A, 11% Group B, 4% Group AB African Americans: 49% Group O, 27% Group A, 27% Group B, 4% Group AB Rh: Approximately 15% of Americans are Rh negative
9853	ABO RH RECHECK	ABO: European Americans: 45% Group O, 40% Group A, 11% Group B, 4% Group AB African Americans: 49% Group O, 27% Group A, 27% Group B, 4% Group AB Rh: Approximately 15% of Americans are Rh negative
5401	Acetaminophen (Tylenol)	10-20 mg/L CRITICAL VALUES: >100 mg/L
690	Acid Phosphatase, Neutrophil	See written Pathology report.
1828	Admission C. Difficile Screen	Negative
3988	Admission MRSA Screen	Negative
509	Albumin	0-4 days: 2.8 - 4.4 gm/dL >4 days - 14 years: 3.8 - 4.5 gm/dL >14 - 18 years: 3.8 - 5.4 gm/dL >18 years: 3.5 - 5.2 gm/dL
5929	Albumin, Fluid	None established
515	Alkaline Phosphatase	Female: 0 – 14 days: 83-248 U/L 15 days - <1 yr: 122-469 U/L 1 - <10 yrs: 142-335 U/L 10 - <13 yrs: 129-417 U/L 13 - <15 yrs: 57-254 U/L 15 - <17 yrs: 50-117 U/L 17 - <19 yrs: 45-87 U/L 19 - 49 yrs: 35-104 U/L ≥50 yrs: 35-141 U/L Male: 0 – 14 days: 83-248 U/L 15 days - <1 yr: 122-469 U/L 1 - <10 yrs: 142-335 U/L 10 - <13 yrs: 129-417 U/L 13 - <15 yrs: 116-468 U/L 15 - <17 yrs: 82-331 U/L 17 - <19 yrs: 55-149 U/L ≥19 yrs: 40-129 U/L

Test ID	Order Code Name	Reference Range Information		
5935	Alkaline Phosphatase, Fluid	None established		
4841	Allergen - Almond	IgE kU/L	Class	Interpretation
		<0.10	Class 0	Negative
		0.10 - 0.34	Class 0/1	Equivocal/Borderline
		0.35 - 0.69	Class 1	Equivocal
		0.70 - 3.49	Class 2	Positive
		3.50 - 17.49	Class 3	Positive
		17.50 - 49.99	Class 4	Strongly Positive
		50.00 - 99.99	Class 5	Strongly Positive
		>=100.00	Class 6	Strongly Positive
4378	Allergen - Alpha Lactalbumin	IgE kU/L	Class	Interpretation
		<0.10	Class 0	Negative
		0.10 - 0.34	Class 0/1	Equivocal/Borderline
		0.35 - 0.69	Class 1	Equivocal
		0.70 - 3.49	Class 2	Positive
		3.50 - 17.49	Class 3	Positive
		17.50 - 49.99	Class 4	Strongly Positive
		50.00 - 99.99	Class 5	Strongly Positive
		>=100.00	Class 6	Strongly Positive
4347	Allergen - Alternaria alternata (tenius)	IgE kU/L	Class	Interpretation
		<0.10	Class 0	Negative
		0.10 - 0.34	Class 0/1	Equivocal/Borderline
		0.35 - 0.69	Class 1	Equivocal
		0.70 - 3.49	Class 2	Positive
		3.50 - 17.49	Class 3	Positive
		17.50 - 49.99	Class 4	Strongly Positive
		50.00 - 99.99	Class 5	Strongly Positive
		>=100.00	Class 6	Strongly Positive
4375	Allergen - Apple	IgE kU/L	Class	Interpretation
		<0.10	Class 0	Negative
		0.10 - 0.34	Class 0/1	Equivocal/Borderline
		0.35 - 0.69	Class 1	Equivocal
		0.70 - 3.49	Class 2	Positive
		3.50 - 17.49	Class 3	Positive
		17.50 - 49.99	Class 4	Strongly Positive
		50.00 - 99.99	Class 5	Strongly Positive
		>=100.00	Class 6	Strongly Positive
4887	Allergen - Apricot	IgE kU/L	Class	Interpretation
		<0.10	Class 0	Negative
		0.10 - 0.34	Class 0/1	Equivocal/Borderline
		0.35 - 0.69	Class 1	Equivocal
		0.70 - 3.49	Class 2	Positive
		3.50 - 17.49	Class 3	Positive
		17.50 - 49.99	Class 4	Strongly Positive
		50.00 - 99.99	Class 5	Strongly Positive
		>=100.00	Class 6	Strongly Positive

Test ID	Order Code Name	Reference Range Information		
4295	Allergen - Aspergillus fumigatus	IgE kU/L	Class	Interpretation
		<0.10	Class 0	Negative
		0.10 - 0.34	Class 0/1	Equivocal/Borderline
		0.35 - 0.69	Class 1	Equivocal
		0.70 - 3.49	Class 2	Positive
		3.50 - 17.49	Class 3	Positive
		17.50 - 49.99	Class 4	Strongly Positive
		50.00 - 99.99	Class 5	Strongly Positive
		>=100.00	Class 6	Strongly Positive
4988	Allergen - Aureobas pullulans	IgE kU/L	Class	Interpretation
		<0.10	Class 0	Negative
		0.10 - 0.34	Class 0/1	Equivocal/Borderline
		0.35 - 0.69	Class 1	Equivocal
		0.70 - 3.49	Class 2	Positive
		3.50 - 17.49	Class 3	Positive
		17.50 - 49.99	Class 4	Strongly Positive
		50.00 - 99.99	Class 5	Strongly Positive
		>=100.00	Class 6	Strongly Positive
4371	Allergen - Banana	IgE kU/L	Class	Interpretation
		<0.10	Class 0	Negative
		0.10 - 0.34	Class 0/1	Equivocal/Borderline
		0.35 - 0.69	Class 1	Equivocal
		0.70 - 3.49	Class 2	Positive
		3.50 - 17.49	Class 3	Positive
		17.50 - 49.99	Class 4	Strongly Positive
		50.00 - 99.99	Class 5	Strongly Positive
		>=100.00	Class 6	Strongly Positive
4379	Allergen - Barley	IgE kU/L	Class	Interpretation
		<0.10	Class 0	Negative
		0.10 - 0.34	Class 0/1	Equivocal/Borderline
		0.35 - 0.69	Class 1	Equivocal
		0.70 - 3.49	Class 2	Positive
		3.50 - 17.49	Class 3	Positive
		17.50 - 49.99	Class 4	Strongly Positive
		50.00 - 99.99	Class 5	Strongly Positive
		>=100.00	Class 6	Strongly Positive
4896	Allergen - Bean, Chick Pea/Garbanzo	IgE kU/L	Class	Interpretation
		<0.10	Class 0	Negative
		0.10 - 0.34	Class 0/1	Equivocal/Borderline
		0.35 - 0.69	Class 1	Equivocal
		0.70 - 3.49	Class 2	Positive
		3.50 - 17.49	Class 3	Positive
		17.50 - 49.99	Class 4	Strongly Positive
		50.00 - 99.99	Class 5	Strongly Positive
		>=100.00	Class 6	Strongly Positive

Test ID	Order Code Name	Reference Range Information		
5870	Allergen - Bean, Kidney (Red)	IgE kU/L	Class	Interpretation
		<0.10	Class 0	Negative
		0.10 - 0.34	Class 0/1	Equivocal/Borderline
		0.35 - 0.69	Class 1	Equivocal
		0.70 - 3.49	Class 2	Positive
		3.50 - 17.49	Class 3	Positive
		17.50 - 49.99	Class 4	Strongly Positive
		50.00 - 99.99	Class 5	Strongly Positive
2959	Allergen - Bean, White	IgE kU/L	Class	Interpretation
		<0.10	Class 0	Negative
		0.10 - 0.34	Class 0/1	Equivocal/Borderline
		0.35 - 0.69	Class 1	Equivocal
		0.70 - 3.49	Class 2	Positive
		3.50 - 17.49	Class 3	Positive
		17.50 - 49.99	Class 4	Strongly Positive
		50.00 - 99.99	Class 5	Strongly Positive
2404	Allergen - Bee, Honey Venom	IgE kU/L	Class	Interpretation
		<0.10	Class 0	Negative
		0.10 - 0.34	Class 0/1	Equivocal/Borderline
		0.35 - 0.69	Class 1	Equivocal
		0.70 - 3.49	Class 2	Positive
		3.50 - 17.49	Class 3	Positive
		17.50 - 49.99	Class 4	Strongly Positive
		50.00 - 99.99	Class 5	Strongly Positive
4376	Allergen - Beef	IgE kU/L	Class	Interpretation
		<0.10	Class 0	Negative
		0.10 - 0.34	Class 0/1	Equivocal/Borderline
		0.35 - 0.69	Class 1	Equivocal
		0.70 - 3.49	Class 2	Positive
		3.50 - 17.49	Class 3	Positive
		17.50 - 49.99	Class 4	Strongly Positive
		50.00 - 99.99	Class 5	Strongly Positive
1620	Allergen - Beta Lactoglobulin	IgE kU/L	Class	Interpretation
		<0.10	Class 0	Negative
		0.10 - 0.34	Class 0/1	Equivocal/Borderline
		0.35 - 0.69	Class 1	Equivocal
		0.70 - 3.49	Class 2	Positive
		3.50 - 17.49	Class 3	Positive
		17.50 - 49.99	Class 4	Strongly Positive
		50.00 - 99.99	Class 5	Strongly Positive
		>=100.00	Class 6	Strongly Positive

Test ID	Order Code Name	Reference Range Information		
4484	Allergen - Birch, Silver/Common	IgE kU/L	Class	Interpretation
		<0.10	Class 0	Negative
		0.10 - 0.34	Class 0/1	Equivocal/Borderline
		0.35 - 0.69	Class 1	Equivocal
		0.70 - 3.49	Class 2	Positive
		3.50 - 17.49	Class 3	Positive
		17.50 - 49.99	Class 4	Strongly Positive
		50.00 - 99.99	Class 5	Strongly Positive
		>=100.00	Class 6	Strongly Positive
4903	Allergen - Blue Mussel	IgE kU/L	Class	Interpretation
		<0.10	Class 0	Negative
		0.10 - 0.34	Class 0/1	Equivocal/Borderline
		0.35 - 0.69	Class 1	Equivocal
		0.70 - 3.49	Class 2	Positive
		3.50 - 17.49	Class 3	Positive
		17.50 - 49.99	Class 4	Strongly Positive
		50.00 - 99.99	Class 5	Strongly Positive
		>=100.00	Class 6	Strongly Positive
4520	Allergen - Blueberry	IgE kU/L	Class	Interpretation
		<0.10	Class 0	Negative
		0.10 - 0.34	Class 0/1	Equivocal/Borderline
		0.35 - 0.69	Class 1	Equivocal
		0.70 - 3.49	Class 2	Positive
		3.50 - 17.49	Class 3	Positive
		17.50 - 49.99	Class 4	Strongly Positive
		50.00 - 99.99	Class 5	Strongly Positive
		>=100.00	Class 6	Strongly Positive
4359	Allergen - Box Elm/Maple	IgE kU/L	Class	Interpretation
		<0.10	Class 0	Negative
		0.10 - 0.34	Class 0/1	Equivocal/Borderline
		0.35 - 0.69	Class 1	Equivocal
		0.70 - 3.49	Class 2	Positive
		3.50 - 17.49	Class 3	Positive
		17.50 - 49.99	Class 4	Strongly Positive
		50.00 - 99.99	Class 5	Strongly Positive
		>=100.00	Class 6	Strongly Positive
5876	Allergen - Brazil Nut	IgE kU/L	Class	Interpretation
		<0.10	Class 0	Negative
		0.10 - 0.34	Class 0/1	Equivocal/Borderline
		0.35 - 0.69	Class 1	Equivocal
		0.70 - 3.49	Class 2	Positive
		3.50 - 17.49	Class 3	Positive
		17.50 - 49.99	Class 4	Strongly Positive
		50.00 - 99.99	Class 5	Strongly Positive
		>=100.00	Class 6	Strongly Positive

Test ID	Order Code Name	Reference Range Information		
4876	Allergen - Broccoli	IgE kU/L	Class	Interpretation
		<0.10	Class 0	Negative
		0.10 - 0.34	Class 0/1	Equivocal/Borderline
		0.35 - 0.69	Class 1	Equivocal
		0.70 - 3.49	Class 2	Positive
		3.50 - 17.49	Class 3	Positive
		17.50 - 49.99	Class 4	Strongly Positive
		50.00 - 99.99	Class 5	Strongly Positive
		>=100.00	Class 6	Strongly Positive
4859	Allergen - Candida albicans	IgE kU/L	Class	Interpretation
		<0.10	Class 0	Negative
		0.10 - 0.34	Class 0/1	Equivocal/Borderline
		0.35 - 0.69	Class 1	Equivocal
		0.70 - 3.49	Class 2	Positive
		3.50 - 17.49	Class 3	Positive
		17.50 - 49.99	Class 4	Strongly Positive
		50.00 - 99.99	Class 5	Strongly Positive
		>=100.00	Class 6	Strongly Positive
4377	Allergen - Carrot	IgE kU/L	Class	Interpretation
		<0.10	Class 0	Negative
		0.10 - 0.34	Class 0/1	Equivocal/Borderline
		0.35 - 0.69	Class 1	Equivocal
		0.70 - 3.49	Class 2	Positive
		3.50 - 17.49	Class 3	Positive
		17.50 - 49.99	Class 4	Strongly Positive
		50.00 - 99.99	Class 5	Strongly Positive
		>=100.00	Class 6	Strongly Positive
4364	Allergen - Casein	IgE kU/L	Class	Interpretation
		<0.10	Class 0	Negative
		0.10 - 0.34	Class 0/1	Equivocal/Borderline
		0.35 - 0.69	Class 1	Equivocal
		0.70 - 3.49	Class 2	Positive
		3.50 - 17.49	Class 3	Positive
		17.50 - 49.99	Class 4	Strongly Positive
		50.00 - 99.99	Class 5	Strongly Positive
		>=100.00	Class 6	Strongly Positive
4843	Allergen - Cashew	Class IgE kU/L Interpretation		
		<0.10 Negative		
		0.10-0.34 Equivocal/Borderline		
		0.35-0.69 Low Positive		
		0.70-3.49 Positive		
		3.50-17.49 Positive		
		17.4-49.99 Strongly Positive		
		50.00-99.99 Strongly Positive		
		>=100.0 Strongly Positive		

Test ID	Order Code Name	Reference Range Information		
4284	Allergen - Cat Epithelium	IgE kU/L	Class	Interpretation
		<0.10	Class 0	Negative
		0.10 - 0.34	Class 0/1	Equivocal/Borderline
		0.35 - 0.69	Class 1	Equivocal
		0.70 - 3.49	Class 2	Positive
		3.50 - 17.49	Class 3	Positive
		17.50 - 49.99	Class 4	Strongly Positive
		50.00 - 99.99	Class 5	Strongly Positive
		>=100.00	Class 6	Strongly Positive
4374	Allergen - Chicken Meat	IgE kU/L	Class	Interpretation
		<0.10	Class 0	Negative
		0.10 - 0.34	Class 0/1	Equivocal/Borderline
		0.35 - 0.69	Class 1	Equivocal
		0.70 - 3.49	Class 2	Positive
		3.50 - 17.49	Class 3	Positive
		17.50 - 49.99	Class 4	Strongly Positive
		50.00 - 99.99	Class 5	Strongly Positive
		>=100.00	Class 6	Strongly Positive
4878	Allergen - Cinnamon	IgE kU/L	Class	Interpretation
		<0.10	Class 0	Negative
		0.10 - 0.34	Class 0/1	Equivocal/Borderline
		0.35 - 0.69	Class 1	Equivocal
		0.70 - 3.49	Class 2	Positive
		3.50 - 17.49	Class 3	Positive
		17.50 - 49.99	Class 4	Strongly Positive
		50.00 - 99.99	Class 5	Strongly Positive
		>=100.00	Class 6	Strongly Positive
4365	Allergen - Cladosporium	IgE kU/L	Class	Interpretation
		<0.10	Class 0	Negative
		0.10 - 0.34	Class 0/1	Equivocal/Borderline
		0.35 - 0.69	Class 1	Equivocal
		0.70 - 3.49	Class 2	Positive
		3.50 - 17.49	Class 3	Positive
		17.50 - 49.99	Class 4	Strongly Positive
		50.00 - 99.99	Class 5	Strongly Positive
		>=100.00	Class 6	Strongly Positive
4844	Allergen - Clam	IgE kU/L	Class	Interpretation
		<0.10	Class 0	Negative
		0.10 - 0.34	Class 0/1	Equivocal/Borderline
		0.35 - 0.69	Class 1	Equivocal
		0.70 - 3.49	Class 2	Positive
		3.50 - 17.49	Class 3	Positive
		17.50 - 49.99	Class 4	Strongly Positive
		50.00 - 99.99	Class 5	Strongly Positive
		>=100.00	Class 6	Strongly Positive

Test ID	Order Code Name	Reference Range Information		
4861	Allergen - Cockroach	IgE kU/L	Class	Interpretation
		<0.10	Class 0	Negative
		0.10 - 0.34	Class 0/1	Equivocal/Borderline
		0.35 - 0.69	Class 1	Equivocal
		0.70 - 3.49	Class 2	Positive
		3.50 - 17.49	Class 3	Positive
		17.50 - 49.99	Class 4	Strongly Positive
		50.00 - 99.99	Class 5	Strongly Positive
		>=100.00	Class 6	Strongly Positive
4911	Allergen - Coconut	IgE kU/L	Class	Interpretation
		<0.10	Class 0	Negative
		0.10 - 0.34	Class 0/1	Equivocal/Borderline
		0.35 - 0.69	Class 1	Equivocal
		0.70 - 3.49	Class 2	Positive
		3.50 - 17.49	Class 3	Positive
		17.50 - 49.99	Class 4	Strongly Positive
		50.00 - 99.99	Class 5	Strongly Positive
		>=100.00	Class 6	Strongly Positive
4845	Allergen - Codfish	IgE kU/L	Class	Interpretation
		<0.10	Class 0	Negative
		0.10 - 0.34	Class 0/1	Equivocal/Borderline
		0.35 - 0.69	Class 1	Equivocal
		0.70 - 3.49	Class 2	Positive
		3.50 - 17.49	Class 3	Positive
		17.50 - 49.99	Class 4	Strongly Positive
		50.00 - 99.99	Class 5	Strongly Positive
		>=100.00	Class 6	Strongly Positive
4351	Allergen - Corn, Food	IgE kU/L	Class	Interpretation
		<0.10	Class 0	Negative
		0.10 - 0.34	Class 0/1	Equivocal/Borderline
		0.35 - 0.69	Class 1	Equivocal
		0.70 - 3.49	Class 2	Positive
		3.50 - 17.49	Class 3	Positive
		17.50 - 49.99	Class 4	Strongly Positive
		50.00 - 99.99	Class 5	Strongly Positive
		>=100.00	Class 6	Strongly Positive
4919	Allergen - Cottonwood	IgE kU/L	Class	Interpretation
		<0.10	Class 0	Negative
		0.10 - 0.34	Class 0/1	Equivocal/Borderline
		0.35 - 0.69	Class 1	Equivocal
		0.70 - 3.49	Class 2	Positive
		3.50 - 17.49	Class 3	Positive
		17.50 - 49.99	Class 4	Strongly Positive
		50.00 - 99.99	Class 5	Strongly Positive
		>=100.00	Class 6	Strongly Positive

Test ID	Order Code Name	Reference Range Information		
2967	Allergen - Cow Dander	IgE kU/L	Class	Interpretation
		<0.10	Class 0	Negative
		0.10 - 0.34	Class 0/1	Equivocal/Borderline
		0.35 - 0.69	Class 1	Equivocal
		0.70 - 3.49	Class 2	Positive
		3.50 - 17.49	Class 3	Positive
		17.50 - 49.99	Class 4	Strongly Positive
		50.00 - 99.99	Class 5	Strongly Positive
		>=100.00	Class 6	Strongly Positive
4862	Allergen - Crab	IgE kU/L	Class	Interpretation
		<0.10	Class 0	Negative
		0.10 - 0.34	Class 0/1	Equivocal/Borderline
		0.35 - 0.69	Class 1	Equivocal
		0.70 - 3.49	Class 2	Positive
		3.50 - 17.49	Class 3	Positive
		17.50 - 49.99	Class 4	Strongly Positive
		50.00 - 99.99	Class 5	Strongly Positive
		>=100.00	Class 6	Strongly Positive
2381	Allergen - Dog Dander	IgE kU/L	Class	Interpretation
		<0.10	Class 0	Negative
		0.10 - 0.34	Class 0/1	Equivocal/Borderline
		0.35 - 0.69	Class 1	Equivocal
		0.70 - 3.49	Class 2	Positive
		3.50 - 17.49	Class 3	Positive
		17.50 - 49.99	Class 4	Strongly Positive
		50.00 - 99.99	Class 5	Strongly Positive
		>=100.00	Class 6	Strongly Positive
4345	Allergen - Egg White	IgE kU/L	Class	Interpretation
		<0.10	Class 0	Negative
		0.10 - 0.34	Class 0/1	Equivocal/Borderline
		0.35 - 0.69	Class 1	Equivocal
		0.70 - 3.49	Class 2	Positive
		3.50 - 17.49	Class 3	Positive
		17.50 - 49.99	Class 4	Strongly Positive
		50.00 - 99.99	Class 5	Strongly Positive
		>=100.00	Class 6	Strongly Positive
4362	Allergen - Egg Yolk	IgE kU/L	Class	Interpretation
		<0.10	Class 0	Negative
		0.10 - 0.34	Class 0/1	Equivocal/Borderline
		0.35 - 0.69	Class 1	Equivocal
		0.70 - 3.49	Class 2	Positive
		3.50 - 17.49	Class 3	Positive
		17.50 - 49.99	Class 4	Strongly Positive
		50.00 - 99.99	Class 5	Strongly Positive
		>=100.00	Class 6	Strongly Positive

Test ID	Order Code Name	Reference Range Information		
2396	Allergen - Elder, Rough Marsh	IgE kU/L	Class	Interpretation
		<0.10	Class 0	Negative
		0.10 - 0.34	Class 0/1	Equivocal/Borderline
		0.35 - 0.69	Class 1	Equivocal
		0.70 - 3.49	Class 2	Positive
		3.50 - 17.49	Class 3	Positive
		17.50 - 49.99	Class 4	Strongly Positive
		50.00 - 99.99	Class 5	Strongly Positive
		>=100.00	Class 6	Strongly Positive
4368	Allergen - Elm	IgE kU/L	Class	Interpretation
		<0.10	Class 0	Negative
		0.10 - 0.34	Class 0/1	Equivocal/Borderline
		0.35 - 0.69	Class 1	Equivocal
		0.70 - 3.49	Class 2	Positive
		3.50 - 17.49	Class 3	Positive
		17.50 - 49.99	Class 4	Strongly Positive
		50.00 - 99.99	Class 5	Strongly Positive
		>=100.00	Class 6	Strongly Positive
2486	Allergen - Ethylene Oxide	IgE kU/L	Class	Interpretation
		<0.10	Class 0	Negative
		0.10 - 0.34	Class 0/1	Equivocal/Borderline
		0.35 - 0.69	Class 1	Equivocal
		0.70 - 3.49	Class 2	Positive
		3.50 - 17.49	Class 3	Positive
		17.50 - 49.99	Class 4	Strongly Positive
		50.00 - 99.99	Class 5	Strongly Positive
		>=100.00	Class 6	Strongly Positive
4489	Allergen - Firebush (Kochia)	IgE kU/L	Class	Interpretation
		<0.10	Class 0	Negative
		0.10 - 0.34	Class 0/1	Equivocal/Borderline
		0.35 - 0.69	Class 1	Equivocal
		0.70 - 3.49	Class 2	Positive
		3.50 - 17.49	Class 3	Positive
		17.50 - 49.99	Class 4	Strongly Positive
		50.00 - 99.99	Class 5	Strongly Positive
		>=100.00	Class 6	Strongly Positive
2485	Allergen - Formaldehyde	IgE kU/L	Class	Interpretation
		<0.10	Class 0	Negative
		0.10 - 0.34	Class 0/1	Equivocal/Borderline
		0.35 - 0.69	Class 1	Equivocal
		0.70 - 3.49	Class 2	Positive
		3.50 - 17.49	Class 3	Positive
		17.50 - 49.99	Class 4	Strongly Positive
		50.00 - 99.99	Class 5	Strongly Positive
		>=100.00	Class 6	Strongly Positive

Test ID	Order Code Name	Reference Range Information		
4921	Allergen - Fusarium solani	IgE kU/L	Class	Interpretation
		<0.10	Class 0	Negative
		0.10 - 0.34	Class 0/1	Equivocal/Borderline
		0.35 - 0.69	Class 1	Equivocal
		0.70 - 3.49	Class 2	Positive
		3.50 - 17.49	Class 3	Positive
		17.50 - 49.99	Class 4	Strongly Positive
		50.00 - 99.99	Class 5	Strongly Positive
		>=100.00	Class 6	Strongly Positive
4879	Allergen - Garlic	IgE kU/L	Class	Interpretation
		<0.10	Class 0	Negative
		0.10 - 0.34	Class 0/1	Equivocal/Borderline
		0.35 - 0.69	Class 1	Equivocal
		0.70 - 3.49	Class 2	Positive
		3.50 - 17.49	Class 3	Positive
		17.50 - 49.99	Class 4	Strongly Positive
		50.00 - 99.99	Class 5	Strongly Positive
		>=100.00	Class 6	Strongly Positive
4348	Allergen - Giant Ragweed	IgE kU/L	Class	Interpretation
		<0.10	Class 0	Negative
		0.10 - 0.34	Class 0/1	Equivocal/Borderline
		0.35 - 0.69	Class 1	Equivocal
		0.70 - 3.49	Class 2	Positive
		3.50 - 17.49	Class 3	Positive
		17.50 - 49.99	Class 4	Strongly Positive
		50.00 - 99.99	Class 5	Strongly Positive
		>=100.00	Class 6	Strongly Positive
4846	Allergen - Gluten	IgE kU/L	Class	Interpretation
		<0.10	Class 0	Negative
		0.10 - 0.34	Class 0/1	Equivocal/Borderline
		0.35 - 0.69	Class 1	Equivocal
		0.70 - 3.49	Class 2	Positive
		3.50 - 17.49	Class 3	Positive
		17.50 - 49.99	Class 4	Strongly Positive
		50.00 - 99.99	Class 5	Strongly Positive
		>=100.00	Class 6	Strongly Positive
4353	Allergen - Goose Feathers	IgE kU/L	Class	Interpretation
		<0.10	Class 0	Negative
		0.10 - 0.34	Class 0/1	Equivocal/Borderline
		0.35 - 0.69	Class 1	Equivocal
		0.70 - 3.49	Class 2	Positive
		3.50 - 17.49	Class 3	Positive
		17.50 - 49.99	Class 4	Strongly Positive
		50.00 - 99.99	Class 5	Strongly Positive
		>=100.00	Class 6	Strongly Positive

Test ID	Order Code Name	Reference Range Information		
4380	Allergen - Grape	IgE kU/L	Class	Interpretation
		<0.10	Class 0	Negative
		0.10 - 0.34	Class 0/1	Equivocal/Borderline
		0.35 - 0.69	Class 1	Equivocal
		0.70 - 3.49	Class 2	Positive
		3.50 - 17.49	Class 3	Positive
		17.50 - 49.99	Class 4	Strongly Positive
		50.00 - 99.99	Class 5	Strongly Positive
		>=100.00	Class 6	Strongly Positive
4989	Allergen - Grass, Bermuda	IgE kU/L	Class	Interpretation
		<0.10	Class 0	Negative
		0.10 - 0.34	Class 0/1	Equivocal/Borderline
		0.35 - 0.69	Class 1	Equivocal
		0.70 - 3.49	Class 2	Positive
		3.50 - 17.49	Class 3	Positive
		17.50 - 49.99	Class 4	Strongly Positive
		50.00 - 99.99	Class 5	Strongly Positive
		>=100.00	Class 6	Strongly Positive
4349	Allergen - Grass, June/Kentucky Blue	IgE kU/L	Class	Interpretation
		<0.10	Class 0	Negative
		0.10 - 0.34	Class 0/1	Equivocal/Borderline
		0.35 - 0.69	Class 1	Equivocal
		0.70 - 3.49	Class 2	Positive
		3.50 - 17.49	Class 3	Positive
		17.50 - 49.99	Class 4	Strongly Positive
		50.00 - 99.99	Class 5	Strongly Positive
		>=100.00	Class 6	Strongly Positive
4847	Allergen - Grass, Orchard	IgE kU/L	Class	Interpretation
		<0.10	Class 0	Negative
		0.10 - 0.34	Class 0/1	Equivocal/Borderline
		0.35 - 0.69	Class 1	Equivocal
		0.70 - 3.49	Class 2	Positive
		3.50 - 17.49	Class 3	Positive
		17.50 - 49.99	Class 4	Strongly Positive
		50.00 - 99.99	Class 5	Strongly Positive
		>=100.00	Class 6	Strongly Positive
4848	Allergen - Grass, Rye	IgE kU/L	Class	Interpretation
		<0.10	Class 0	Negative
		0.10 - 0.34	Class 0/1	Equivocal/Borderline
		0.35 - 0.69	Class 1	Equivocal
		0.70 - 3.49	Class 2	Positive
		3.50 - 17.49	Class 3	Positive
		17.50 - 49.99	Class 4	Strongly Positive
		50.00 - 99.99	Class 5	Strongly Positive
		>=100.00	Class 6	Strongly Positive

Test ID	Order Code Name	Reference Range Information		
4849	Allergen - Grass, Timothy	IgE kU/L	Class	Interpretation
		<0.10	Class 0	Negative
		0.10 - 0.34	Class 0/1	Equivocal/Borderline
		0.35 - 0.69	Class 1	Equivocal
		0.70 - 3.49	Class 2	Positive
		3.50 - 17.49	Class 3	Positive
		17.50 - 49.99	Class 4	Strongly Positive
		50.00 - 99.99	Class 5	Strongly Positive
		>=100.00	Class 6	Strongly Positive
2970	Allergen - Grass, Velvet	IgE kU/L	Class	Interpretation
		<0.10	Class 0	Negative
		0.10 - 0.34	Class 0/1	Equivocal/Borderline
		0.35 - 0.69	Class 1	Equivocal
		0.70 - 3.49	Class 2	Positive
		3.50 - 17.49	Class 3	Positive
		17.50 - 49.99	Class 4	Strongly Positive
		50.00 - 99.99	Class 5	Strongly Positive
		>=100.00	Class 6	Strongly Positive
4934	Allergen - Green Peppers	IgE kU/L	Class	Interpretation
		<0.10	Class 0	Negative
		0.10 - 0.34	Class 0/1	Equivocal/Borderline
		0.35 - 0.69	Class 1	Equivocal
		0.70 - 3.49	Class 2	Positive
		3.50 - 17.49	Class 3	Positive
		17.50 - 49.99	Class 4	Strongly Positive
		50.00 - 99.99	Class 5	Strongly Positive
		>=100.00	Class 6	Strongly Positive
4382	Allergen - Green String Bean	IgE kU/L	Class	Interpretation
		<0.10	Class 0	Negative
		0.10 - 0.34	Class 0/1	Equivocal/Borderline
		0.35 - 0.69	Class 1	Equivocal
		0.70 - 3.49	Class 2	Positive
		3.50 - 17.49	Class 3	Positive
		17.50 - 49.99	Class 4	Strongly Positive
		50.00 - 99.99	Class 5	Strongly Positive
		>=100.00	Class 6	Strongly Positive
2963	Allergen - Grey Alder	IgE kU/L	Class	Interpretation
		<0.10	Class 0	Negative
		0.10 - 0.34	Class 0/1	Equivocal/Borderline
		0.35 - 0.69	Class 1	Equivocal
		0.70 - 3.49	Class 2	Positive
		3.50 - 17.49	Class 3	Positive
		17.50 - 49.99	Class 4	Strongly Positive
		50.00 - 99.99	Class 5	Strongly Positive
		>=100.00	Class 6	Strongly Positive

Test ID	Order Code Name	Reference Range Information		
4867	Allergen - Guinea Pig Epithelium	IgE kU/L	Class	Interpretation
		<0.10	Class 0	Negative
		0.10 - 0.34	Class 0/1	Equivocal/Borderline
		0.35 - 0.69	Class 1	Equivocal
		0.70 - 3.49	Class 2	Positive
		3.50 - 17.49	Class 3	Positive
		17.50 - 49.99	Class 4	Strongly Positive
		50.00 - 99.99	Class 5	Strongly Positive
		>=100.00	Class 6	Strongly Positive
4959	Allergen - Halibut	IgE kU/L	Class	Interpretation
		<0.10	Class 0	Negative
		0.10 - 0.34	Class 0/1	Equivocal/Borderline
		0.35 - 0.69	Class 1	Equivocal
		0.70 - 3.49	Class 2	Positive
		3.50 - 17.49	Class 3	Positive
		17.50 - 49.99	Class 4	Strongly Positive
		50.00 - 99.99	Class 5	Strongly Positive
		>=100.00	Class 6	Strongly Positive
2986	Allergen - Hamster Epithelium	IgE kU/L	Class	Interpretation
		<0.10	Class 0	Negative
		0.10 - 0.34	Class 0/1	Equivocal/Borderline
		0.35 - 0.69	Class 1	Equivocal
		0.70 - 3.49	Class 2	Positive
		3.50 - 17.49	Class 3	Positive
		17.50 - 49.99	Class 4	Strongly Positive
		50.00 - 99.99	Class 5	Strongly Positive
		>=100.00	Class 6	Strongly Positive
4961	Allergen - Hazelnut, Food	IgE kU/L	Class	Interpretation
		<0.10	Class 0	Negative
		0.10 - 0.34	Class 0/1	Equivocal/Borderline
		0.35 - 0.69	Class 1	Equivocal
		0.70 - 3.49	Class 2	Positive
		3.50 - 17.49	Class 3	Positive
		17.50 - 49.99	Class 4	Strongly Positive
		50.00 - 99.99	Class 5	Strongly Positive
		>=100.00	Class 6	Strongly Positive
2964	Allergen - Hazelnut, Tree	IgE kU/L	Class	Interpretation
		<0.10	Class 0	Negative
		0.10 - 0.34	Class 0/1	Equivocal/Borderline
		0.35 - 0.69	Class 1	Equivocal
		0.70 - 3.49	Class 2	Positive
		3.50 - 17.49	Class 3	Positive
		17.50 - 49.99	Class 4	Strongly Positive
		50.00 - 99.99	Class 5	Strongly Positive
		>=100.00	Class 6	Strongly Positive

Test ID	Order Code Name	Reference Range Information		
4967	Allergen - Helminthosp halodes	IgE kU/L	Class	Interpretation
		<0.10	Class 0	Negative
		0.10 - 0.34	Class 0/1	Equivocal/Borderline
		0.35 - 0.69	Class 1	Equivocal
		0.70 - 3.49	Class 2	Positive
		3.50 - 17.49	Class 3	Positive
		17.50 - 49.99	Class 4	Strongly Positive
		50.00 - 99.99	Class 5	Strongly Positive
		>=100.00	Class 6	Strongly Positive
4496	Allergen - Herring	IgE kU/L	Class	Interpretation
		<0.10	Class 0	Negative
		0.10 - 0.34	Class 0/1	Equivocal/Borderline
		0.35 - 0.69	Class 1	Equivocal
		0.70 - 3.49	Class 2	Positive
		3.50 - 17.49	Class 3	Positive
		17.50 - 49.99	Class 4	Strongly Positive
		50.00 - 99.99	Class 5	Strongly Positive
		>=100.00	Class 6	Strongly Positive
2487	Allergen - Hexahydroptalic Anhydride	IgE kU/L	Class	Interpretation
		<0.10	Class 0	Negative
		0.10 - 0.34	Class 0/1	Equivocal/Borderline
		0.35 - 0.69	Class 1	Equivocal
		0.70 - 3.49	Class 2	Positive
		3.50 - 17.49	Class 3	Positive
		17.50 - 49.99	Class 4	Strongly Positive
		50.00 - 99.99	Class 5	Strongly Positive
		>=100.00	Class 6	Strongly Positive
2405	Allergen - Hornet, White	IgE kU/L	Class	Interpretation
		<0.10	Class 0	Negative
		0.10 - 0.34	Class 0/1	Equivocal/Borderline
		0.35 - 0.69	Class 1	Equivocal
		0.70 - 3.49	Class 2	Positive
		3.50 - 17.49	Class 3	Positive
		17.50 - 49.99	Class 4	Strongly Positive
		50.00 - 99.99	Class 5	Strongly Positive
		>=100.00	Class 6	Strongly Positive
2406	Allergen - Hornet, Yellow	IgE kU/L	Class	Interpretation
		<0.10	Class 0	Negative
		0.10 - 0.34	Class 0/1	Equivocal/Borderline
		0.35 - 0.69	Class 1	Equivocal
		0.70 - 3.49	Class 2	Positive
		3.50 - 17.49	Class 3	Positive
		17.50 - 49.99	Class 4	Strongly Positive
		50.00 - 99.99	Class 5	Strongly Positive
		>=100.00	Class 6	Strongly Positive

Test ID	Order Code Name	Reference Range Information		
5877	Allergen - Horse Dander/Epithelium	IgE kU/L	Class	Interpretation
		<0.10	Class 0	Negative
		0.10 - 0.34	Class 0/1	Equivocal/Borderline
		0.35 - 0.69	Class 1	Equivocal
		0.70 - 3.49	Class 2	Positive
		3.50 - 17.49	Class 3	Positive
		17.50 - 49.99	Class 4	Strongly Positive
		50.00 - 99.99	Class 5	Strongly Positive
		>=100.00	Class 6	Strongly Positive
4286	Allergen - House Dust Mites/D.F.	IgE kU/L	Class	Interpretation
		<0.10	Class 0	Negative
		0.10 - 0.34	Class 0/1	Equivocal/Borderline
		0.35 - 0.69	Class 1	Equivocal
		0.70 - 3.49	Class 2	Positive
		3.50 - 17.49	Class 3	Positive
		17.50 - 49.99	Class 4	Strongly Positive
		50.00 - 99.99	Class 5	Strongly Positive
		>=100.00	Class 6	Strongly Positive
4252	Allergen - House Dust Mites/D.P.	IgE kU/L	Class	Interpretation
		<0.10	Class 0	Negative
		0.10 - 0.34	Class 0/1	Equivocal/Borderline
		0.35 - 0.69	Class 1	Equivocal
		0.70 - 3.49	Class 2	Positive
		3.50 - 17.49	Class 3	Positive
		17.50 - 49.99	Class 4	Strongly Positive
		50.00 - 99.99	Class 5	Strongly Positive
		>=100.00	Class 6	Strongly Positive
4285	Allergen - House Dust/H-S Lab	IgE kU/L	Class	Interpretation
		<0.10	Class 0	Negative
		0.10 - 0.34	Class 0/1	Equivocal/Borderline
		0.35 - 0.69	Class 1	Equivocal
		0.70 - 3.49	Class 2	Positive
		3.50 - 17.49	Class 3	Positive
		17.50 - 49.99	Class 4	Strongly Positive
		50.00 - 99.99	Class 5	Strongly Positive
		>=100.00	Class 6	Strongly Positive
2491	Allergen - Isocyanate HDI	IgE kU/L	Class	Interpretation
		<0.10	Class 0	Negative
		0.10 - 0.34	Class 0/1	Equivocal/Borderline
		0.35 - 0.69	Class 1	Equivocal
		0.70 - 3.49	Class 2	Positive
		3.50 - 17.49	Class 3	Positive
		17.50 - 49.99	Class 4	Strongly Positive
		50.00 - 99.99	Class 5	Strongly Positive
		>=100.00	Class 6	Strongly Positive

Test ID	Order Code Name	Reference Range Information		
2492	Allergen - Isocyanate MDI	IgE kU/L	Class	Interpretation
		<0.10	Class 0	Negative
		0.10 - 0.34	Class 0/1	Equivocal/Borderline
		0.35 - 0.69	Class 1	Equivocal
		0.70 - 3.49	Class 2	Positive
		3.50 - 17.49	Class 3	Positive
		17.50 - 49.99	Class 4	Strongly Positive
		50.00 - 99.99	Class 5	Strongly Positive
		>=100.00	Class 6	Strongly Positive
2493	Allergen - Isocyanate TDI	IgE kU/L	Class	Interpretation
		<0.10	Class 0	Negative
		0.10 - 0.34	Class 0/1	Equivocal/Borderline
		0.35 - 0.69	Class 1	Equivocal
		0.70 - 3.49	Class 2	Positive
		3.50 - 17.49	Class 3	Positive
		17.50 - 49.99	Class 4	Strongly Positive
		50.00 - 99.99	Class 5	Strongly Positive
		>=100.00	Class 6	Strongly Positive
4880	Allergen - Kiwi Fruit	IgE kU/L	Class	Interpretation
		<0.10	Class 0	Negative
		0.10 - 0.34	Class 0/1	Equivocal/Borderline
		0.35 - 0.69	Class 1	Equivocal
		0.70 - 3.49	Class 2	Positive
		3.50 - 17.49	Class 3	Positive
		17.50 - 49.99	Class 4	Strongly Positive
		50.00 - 99.99	Class 5	Strongly Positive
		>=100.00	Class 6	Strongly Positive
4373	Allergen - Lamb's Quarter	IgE kU/L	Class	Interpretation
		<0.10	Class 0	Negative
		0.10 - 0.34	Class 0/1	Equivocal/Borderline
		0.35 - 0.69	Class 1	Equivocal
		0.70 - 3.49	Class 2	Positive
		3.50 - 17.49	Class 3	Positive
		17.50 - 49.99	Class 4	Strongly Positive
		50.00 - 99.99	Class 5	Strongly Positive
		>=100.00	Class 6	Strongly Positive
4901	Allergen - Latex	IgE kU/L	Class	Interpretation
		<0.10	Class 0	Negative
		0.10 - 0.34	Class 0/1	Equivocal/Borderline
		0.35 - 0.69	Class 1	Equivocal
		0.70 - 3.49	Class 2	Positive
		3.50 - 17.49	Class 3	Positive
		17.50 - 49.99	Class 4	Strongly Positive
		50.00 - 99.99	Class 5	Strongly Positive
		>=100.00	Class 6	Strongly Positive

Test ID	Order Code Name	Reference Range Information		
4855	Allergen - Lentil	IgE kU/L	Class	Interpretation
		<0.10	Class 0	Negative
		0.10 - 0.34	Class 0/1	Equivocal/Borderline
		0.35 - 0.69	Class 1	Equivocal
		0.70 - 3.49	Class 2	Positive
		3.50 - 17.49	Class 3	Positive
		17.50 - 49.99	Class 4	Strongly Positive
		50.00 - 99.99	Class 5	Strongly Positive
		>=100.00	Class 6	Strongly Positive
4870	Allergen - Lobster	IgE kU/L	Class	Interpretation
		<0.10	Class 0	Negative
		0.10 - 0.34	Class 0/1	Equivocal/Borderline
		0.35 - 0.69	Class 1	Equivocal
		0.70 - 3.49	Class 2	Positive
		3.50 - 17.49	Class 3	Positive
		17.50 - 49.99	Class 4	Strongly Positive
		50.00 - 99.99	Class 5	Strongly Positive
		>=100.00	Class 6	Strongly Positive
1653	Allergen - Macadamia Nut	IgE kU/L	Class	Interpretation
		<0.10	Class 0	Negative
		0.10 - 0.34	Class 0/1	Equivocal/Borderline
		0.35 - 0.69	Class 1	Equivocal
		0.70 - 3.49	Class 2	Positive
		3.50 - 17.49	Class 3	Positive
		17.50 - 49.99	Class 4	Strongly Positive
		50.00 - 99.99	Class 5	Strongly Positive
		>=100.00	Class 6	Strongly Positive
4498	Allergen - Mackerel	IgE kU/L	Class	Interpretation
		<0.10	Class 0	Negative
		0.10 - 0.34	Class 0/1	Equivocal/Borderline
		0.35 - 0.69	Class 1	Equivocal
		0.70 - 3.49	Class 2	Positive
		3.50 - 17.49	Class 3	Positive
		17.50 - 49.99	Class 4	Strongly Positive
		50.00 - 99.99	Class 5	Strongly Positive
		>=100.00	Class 6	Strongly Positive
4968	Allergen - Mango	IgE kU/L	Class	Interpretation
		<0.10	Class 0	Negative
		0.10 - 0.34	Class 0/1	Equivocal/Borderline
		0.35 - 0.69	Class 1	Equivocal
		0.70 - 3.49	Class 2	Positive
		3.50 - 17.49	Class 3	Positive
		17.50 - 49.99	Class 4	Strongly Positive
		50.00 - 99.99	Class 5	Strongly Positive
		>=100.00	Class 6	Strongly Positive

Test ID	Order Code Name	Reference Range Information		
2990	Allergen - Maple Leaf/Sycamore	IgE kU/L	Class	Interpretation
		<0.10	Class 0	Negative
		0.10 - 0.34	Class 0/1	Equivocal/Borderline
		0.35 - 0.69	Class 1	Equivocal
		0.70 - 3.49	Class 2	Positive
		3.50 - 17.49	Class 3	Positive
		17.50 - 49.99	Class 4	Strongly Positive
		50.00 - 99.99	Class 5	Strongly Positive
		>=100.00	Class 6	Strongly Positive
2962	Allergen - Meadow Fescue	IgE kU/L	Class	Interpretation
		<0.10	Class 0	Negative
		0.10 - 0.34	Class 0/1	Equivocal/Borderline
		0.35 - 0.69	Class 1	Equivocal
		0.70 - 3.49	Class 2	Positive
		3.50 - 17.49	Class 3	Positive
		17.50 - 49.99	Class 4	Strongly Positive
		50.00 - 99.99	Class 5	Strongly Positive
		>=100.00	Class 6	Strongly Positive
4366	Allergen - Melons	IgE kU/L	Class	Interpretation
		<0.10	Class 0	Negative
		0.10 - 0.34	Class 0/1	Equivocal/Borderline
		0.35 - 0.69	Class 1	Equivocal
		0.70 - 3.49	Class 2	Positive
		3.50 - 17.49	Class 3	Positive
		17.50 - 49.99	Class 4	Strongly Positive
		50.00 - 99.99	Class 5	Strongly Positive
		>=100.00	Class 6	Strongly Positive
4288	Allergen - Milk, Cow	IgE kU/L	Class	Interpretation
		<0.10	Class 0	Negative
		0.10 - 0.34	Class 0/1	Equivocal/Borderline
		0.35 - 0.69	Class 1	Equivocal
		0.70 - 3.49	Class 2	Positive
		3.50 - 17.49	Class 3	Positive
		17.50 - 49.99	Class 4	Strongly Positive
		50.00 - 99.99	Class 5	Strongly Positive
		>=100.00	Class 6	Strongly Positive
4897	Allergen - Milk, Goat	IgE kU/L	Class	Interpretation
		<0.10	Class 0	Negative
		0.10 - 0.34	Class 0/1	Equivocal/Borderline
		0.35 - 0.69	Class 1	Equivocal
		0.70 - 3.49	Class 2	Positive
		3.50 - 17.49	Class 3	Positive
		17.50 - 49.99	Class 4	Strongly Positive
		50.00 - 99.99	Class 5	Strongly Positive
		>=100.00	Class 6	Strongly Positive

Test ID	Order Code Name	Reference Range Information		
2988	Allergen - Mountain Cedar/Blueberry Juniper	IgE kU/L	Class	Interpretation
		<0.10	Class 0	Negative
		0.10 - 0.34	Class 0/1	Equivocal/Borderline
		0.35 - 0.69	Class 1	Equivocal
		0.70 - 3.49	Class 2	Positive
		3.50 - 17.49	Class 3	Positive
		17.50 - 49.99	Class 4	Strongly Positive
		50.00 - 99.99	Class 5	Strongly Positive
		>=100.00	Class 6	Strongly Positive
2984	Allergen - Mouse Epithelium	IgE kU/L	Class	Interpretation
		<0.10	Class 0	Negative
		0.10 - 0.34	Class 0/1	Equivocal/Borderline
		0.35 - 0.69	Class 1	Equivocal
		0.70 - 3.49	Class 2	Positive
		3.50 - 17.49	Class 3	Positive
		17.50 - 49.99	Class 4	Strongly Positive
		50.00 - 99.99	Class 5	Strongly Positive
		>=100.00	Class 6	Strongly Positive
2409	Allergen - Mugwort	IgE kU/L	Class	Interpretation
		<0.10	Class 0	Negative
		0.10 - 0.34	Class 0/1	Equivocal/Borderline
		0.35 - 0.69	Class 1	Equivocal
		0.70 - 3.49	Class 2	Positive
		3.50 - 17.49	Class 3	Positive
		17.50 - 49.99	Class 4	Strongly Positive
		50.00 - 99.99	Class 5	Strongly Positive
		>=100.00	Class 6	Strongly Positive
2989	Allergen - Mulberry	IgE kU/L	Class	Interpretation
		<0.10	Class 0	Negative
		0.10 - 0.34	Class 0/1	Equivocal/Borderline
		0.35 - 0.69	Class 1	Equivocal
		0.70 - 3.49	Class 2	Positive
		3.50 - 17.49	Class 3	Positive
		17.50 - 49.99	Class 4	Strongly Positive
		50.00 - 99.99	Class 5	Strongly Positive
		>=100.00	Class 6	Strongly Positive
2993	Allergen - Nettle	IgE kU/L	Class	Interpretation
		<0.10	Class 0	Negative
		0.10 - 0.34	Class 0/1	Equivocal/Borderline
		0.35 - 0.69	Class 1	Equivocal
		0.70 - 3.49	Class 2	Positive
		3.50 - 17.49	Class 3	Positive
		17.50 - 49.99	Class 4	Strongly Positive
		50.00 - 99.99	Class 5	Strongly Positive
		>=100.00	Class 6	Strongly Positive

Test ID	Order Code Name	Reference Range Information		
4350	Allergen - Oak	IgE kU/L	Class	Interpretation
		<0.10	Class 0	Negative
		0.10 - 0.34	Class 0/1	Equivocal/Borderline
		0.35 - 0.69	Class 1	Equivocal
		0.70 - 3.49	Class 2	Positive
		3.50 - 17.49	Class 3	Positive
		17.50 - 49.99	Class 4	Strongly Positive
		50.00 - 99.99	Class 5	Strongly Positive
		>=100.00	Class 6	Strongly Positive
4355	Allergen - Oat	IgE kU/L	Class	Interpretation
		<0.10	Class 0	Negative
		0.10 - 0.34	Class 0/1	Equivocal/Borderline
		0.35 - 0.69	Class 1	Equivocal
		0.70 - 3.49	Class 2	Positive
		3.50 - 17.49	Class 3	Positive
		17.50 - 49.99	Class 4	Strongly Positive
		50.00 - 99.99	Class 5	Strongly Positive
		>=100.00	Class 6	Strongly Positive
2410	Allergen - Octopus	IgE kU/L	Class	Interpretation
		<0.10	Class 0	Negative
		0.10 - 0.34	Class 0/1	Equivocal/Borderline
		0.35 - 0.69	Class 1	Equivocal
		0.70 - 3.49	Class 2	Positive
		3.50 - 17.49	Class 3	Positive
		17.50 - 49.99	Class 4	Strongly Positive
		50.00 - 99.99	Class 5	Strongly Positive
		>=100.00	Class 6	Strongly Positive
4882	Allergen - Onion	IgE kU/L	Class	Interpretation
		<0.10	Class 0	Negative
		0.10 - 0.34	Class 0/1	Equivocal/Borderline
		0.35 - 0.69	Class 1	Equivocal
		0.70 - 3.49	Class 2	Positive
		3.50 - 17.49	Class 3	Positive
		17.50 - 49.99	Class 4	Strongly Positive
		50.00 - 99.99	Class 5	Strongly Positive
		>=100.00	Class 6	Strongly Positive
4361	Allergen - Orange	IgE kU/L	Class	Interpretation
		<0.10	Class 0	Negative
		0.10 - 0.34	Class 0/1	Equivocal/Borderline
		0.35 - 0.69	Class 1	Equivocal
		0.70 - 3.49	Class 2	Positive
		3.50 - 17.49	Class 3	Positive
		17.50 - 49.99	Class 4	Strongly Positive
		50.00 - 99.99	Class 5	Strongly Positive
		>=100.00	Class 6	Strongly Positive

Test ID	Order Code Name	Reference Range Information		
1901	Allergen - Ovalbumin	IgE kU/L	Class	Interpretation
		<0.10	Class 0	Negative
		0.10 - 0.34	Class 0/1	Equivocal/Borderline
		0.35 - 0.69	Class 1	Equivocal
		0.70 - 3.49	Class 2	Positive
		3.50 - 17.49	Class 3	Positive
		17.50 - 49.99	Class 4	Strongly Positive
		50.00 - 99.99	Class 5	Strongly Positive
		>=100.00	Class 6	Strongly Positive
1900	Allergen - Ovomuroid	IgE kU/L	Class	Interpretation
		<0.10	Class 0	Negative
		0.10 - 0.34	Class 0/1	Equivocal/Borderline
		0.35 - 0.69	Class 1	Equivocal
		0.70 - 3.49	Class 2	Positive
		3.50 - 17.49	Class 3	Positive
		17.50 - 49.99	Class 4	Strongly Positive
		50.00 - 99.99	Class 5	Strongly Positive
		>=100.00	Class 6	Strongly Positive
4856	Allergen - Oyster	IgE kU/L	Class	Interpretation
		<0.10	Class 0	Negative
		0.10 - 0.34	Class 0/1	Equivocal/Borderline
		0.35 - 0.69	Class 1	Equivocal
		0.70 - 3.49	Class 2	Positive
		3.50 - 17.49	Class 3	Positive
		17.50 - 49.99	Class 4	Strongly Positive
		50.00 - 99.99	Class 5	Strongly Positive
		>=100.00	Class 6	Strongly Positive
4852	Allergen - Pea, Green	IgE kU/L	Class	Interpretation
		<0.10	Class 0	Negative
		0.10 - 0.34	Class 0/1	Equivocal/Borderline
		0.35 - 0.69	Class 1	Equivocal
		0.70 - 3.49	Class 2	Positive
		3.50 - 17.49	Class 3	Positive
		17.50 - 49.99	Class 4	Strongly Positive
		50.00 - 99.99	Class 5	Strongly Positive
		>=100.00	Class 6	Strongly Positive
4884	Allergen - Peach	IgE kU/L	Class	Interpretation
		<0.10	Class 0	Negative
		0.10 - 0.34	Class 0/1	Equivocal/Borderline
		0.35 - 0.69	Class 1	Equivocal
		0.70 - 3.49	Class 2	Positive
		3.50 - 17.49	Class 3	Positive
		17.50 - 49.99	Class 4	Strongly Positive
		50.00 - 99.99	Class 5	Strongly Positive
		>=100.00	Class 6	Strongly Positive

Test ID	Order Code Name	Reference Range Information		
4360	Allergen - Peanut	IgE kU/L	Class	Interpretation
		<0.10	Class 0	Negative
		0.10 - 0.34	Class 0/1	Equivocal/Borderline
		0.35 - 0.69	Class 1	Equivocal
		0.70 - 3.49	Class 2	Positive
		3.50 - 17.49	Class 3	Positive
		17.50 - 49.99	Class 4	Strongly Positive
		50.00 - 99.99	Class 5	Strongly Positive
		>=100.00	Class 6	Strongly Positive
4977	Allergen - Pear	IgE kU/L	Class	Interpretation
		<0.10	Class 0	Negative
		0.10 - 0.34	Class 0/1	Equivocal/Borderline
		0.35 - 0.69	Class 1	Equivocal
		0.70 - 3.49	Class 2	Positive
		3.50 - 17.49	Class 3	Positive
		17.50 - 49.99	Class 4	Strongly Positive
		50.00 - 99.99	Class 5	Strongly Positive
		>=100.00	Class 6	Strongly Positive
4857	Allergen - Pecan, Food	IgE kU/L	Class	Interpretation
		<0.10	Class 0	Negative
		0.10 - 0.34	Class 0/1	Equivocal/Borderline
		0.35 - 0.69	Class 1	Equivocal
		0.70 - 3.49	Class 2	Positive
		3.50 - 17.49	Class 3	Positive
		17.50 - 49.99	Class 4	Strongly Positive
		50.00 - 99.99	Class 5	Strongly Positive
		>=100.00	Class 6	Strongly Positive
2991	Allergen - Pecan/Hickory	IgE kU/L	Class	Interpretation
		<0.10	Class 0	Negative
		0.10 - 0.34	Class 0/1	Equivocal/Borderline
		0.35 - 0.69	Class 1	Equivocal
		0.70 - 3.49	Class 2	Positive
		3.50 - 17.49	Class 3	Positive
		17.50 - 49.99	Class 4	Strongly Positive
		50.00 - 99.99	Class 5	Strongly Positive
		>=100.00	Class 6	Strongly Positive
4354	Allergen - Penicillium notatum	IgE kU/L	Class	Interpretation
		<0.10	Class 0	Negative
		0.10 - 0.34	Class 0/1	Equivocal/Borderline
		0.35 - 0.69	Class 1	Equivocal
		0.70 - 3.49	Class 2	Positive
		3.50 - 17.49	Class 3	Positive
		17.50 - 49.99	Class 4	Strongly Positive
		50.00 - 99.99	Class 5	Strongly Positive
		>=100.00	Class 6	Strongly Positive

Test ID	Order Code Name	Reference Range Information		
4978	Allergen - Phoma betae	IgE kU/L	Class	Interpretation
		<0.10	Class 0	Negative
		0.10 - 0.34	Class 0/1	Equivocal/Borderline
		0.35 - 0.69	Class 1	Equivocal
		0.70 - 3.49	Class 2	Positive
		3.50 - 17.49	Class 3	Positive
		17.50 - 49.99	Class 4	Strongly Positive
		50.00 - 99.99	Class 5	Strongly Positive
		>=100.00	Class 6	Strongly Positive
2488	Allergen - Phthalic Anhydride	IgE kU/L	Class	Interpretation
		<0.10	Class 0	Negative
		0.10 - 0.34	Class 0/1	Equivocal/Borderline
		0.35 - 0.69	Class 1	Equivocal
		0.70 - 3.49	Class 2	Positive
		3.50 - 17.49	Class 3	Positive
		17.50 - 49.99	Class 4	Strongly Positive
		50.00 - 99.99	Class 5	Strongly Positive
		>=100.00	Class 6	Strongly Positive
4872	Allergen - Pigweed, False	IgE kU/L	Class	Interpretation
		<0.10	Class 0	Negative
		0.10 - 0.34	Class 0/1	Equivocal/Borderline
		0.35 - 0.69	Class 1	Equivocal
		0.70 - 3.49	Class 2	Positive
		3.50 - 17.49	Class 3	Positive
		17.50 - 49.99	Class 4	Strongly Positive
		50.00 - 99.99	Class 5	Strongly Positive
		>=100.00	Class 6	Strongly Positive
4871	Allergen - Pigweed, Rough Red	IgE kU/L	Class	Interpretation
		<0.10	Class 0	Negative
		0.10 - 0.34	Class 0/1	Equivocal/Borderline
		0.35 - 0.69	Class 1	Equivocal
		0.70 - 3.49	Class 2	Positive
		3.50 - 17.49	Class 3	Positive
		17.50 - 49.99	Class 4	Strongly Positive
		50.00 - 99.99	Class 5	Strongly Positive
		>=100.00	Class 6	Strongly Positive
4979	Allergen - Pineapple	IgE kU/L	Class	Interpretation
		<0.10	Class 0	Negative
		0.10 - 0.34	Class 0/1	Equivocal/Borderline
		0.35 - 0.69	Class 1	Equivocal
		0.70 - 3.49	Class 2	Positive
		3.50 - 17.49	Class 3	Positive
		17.50 - 49.99	Class 4	Strongly Positive
		50.00 - 99.99	Class 5	Strongly Positive
		>=100.00	Class 6	Strongly Positive

Test ID	Order Code Name	Reference Range Information		
4980	Allergen - Pinenut	IgE kU/L	Class	Interpretation
		<0.10	Class 0	Negative
		0.10 - 0.34	Class 0/1	Equivocal/Borderline
		0.35 - 0.69	Class 1	Equivocal
		0.70 - 3.49	Class 2	Positive
		3.50 - 17.49	Class 3	Positive
		17.50 - 49.99	Class 4	Strongly Positive
		50.00 - 99.99	Class 5	Strongly Positive
		>=100.00	Class 6	Strongly Positive
4981	Allergen - Pistachio	IgE kU/L	Class	Interpretation
		<0.10	Class 0	Negative
		0.10 - 0.34	Class 0/1	Equivocal/Borderline
		0.35 - 0.69	Class 1	Equivocal
		0.70 - 3.49	Class 2	Positive
		3.50 - 17.49	Class 3	Positive
		17.50 - 49.99	Class 4	Strongly Positive
		50.00 - 99.99	Class 5	Strongly Positive
		>=100.00	Class 6	Strongly Positive
5871	Allergen - Poppy Seed	IgE kU/L	Class	Interpretation
		<0.10	Class 0	Negative
		0.10 - 0.34	Class 0/1	Equivocal/Borderline
		0.35 - 0.69	Class 1	Equivocal
		0.70 - 3.49	Class 2	Positive
		3.50 - 17.49	Class 3	Positive
		17.50 - 49.99	Class 4	Strongly Positive
		50.00 - 99.99	Class 5	Strongly Positive
		>=100.00	Class 6	Strongly Positive
2966	Allergen - Pork	IgE kU/L	Class	Interpretation
		<0.10	Class 0	Negative
		0.10 - 0.34	Class 0/1	Equivocal/Borderline
		0.35 - 0.69	Class 1	Equivocal
		0.70 - 3.49	Class 2	Positive
		3.50 - 17.49	Class 3	Positive
		17.50 - 49.99	Class 4	Strongly Positive
		50.00 - 99.99	Class 5	Strongly Positive
		>=100.00	Class 6	Strongly Positive
4982	Allergen - Rabbit Epithelium	IgE kU/L	Class	Interpretation
		<0.10	Class 0	Negative
		0.10 - 0.34	Class 0/1	Equivocal/Borderline
		0.35 - 0.69	Class 1	Equivocal
		0.70 - 3.49	Class 2	Positive
		3.50 - 17.49	Class 3	Positive
		17.50 - 49.99	Class 4	Strongly Positive
		50.00 - 99.99	Class 5	Strongly Positive
		>=100.00	Class 6	Strongly Positive

Test ID	Order Code Name	Reference Range Information		
4858	Allergen - Ragweed, Short/Common	IgE kU/L	Class	Interpretation
		<0.10	Class 0	Negative
		0.10 - 0.34	Class 0/1	Equivocal/Borderline
		0.35 - 0.69	Class 1	Equivocal
		0.70 - 3.49	Class 2	Positive
		3.50 - 17.49	Class 3	Positive
		17.50 - 49.99	Class 4	Strongly Positive
		50.00 - 99.99	Class 5	Strongly Positive
		>=100.00	Class 6	Strongly Positive
2414	Allergen - Raspberry	IgE kU/L	Class	Interpretation
		<0.10	Class 0	Negative
		0.10 - 0.34	Class 0/1	Equivocal/Borderline
		0.35 - 0.69	Class 1	Equivocal
		0.70 - 3.49	Class 2	Positive
		3.50 - 17.49	Class 3	Positive
		17.50 - 49.99	Class 4	Strongly Positive
		50.00 - 99.99	Class 5	Strongly Positive
		>=100.00	Class 6	Strongly Positive
2985	Allergen - Rat Epithelium	IgE kU/L	Class	Interpretation
		<0.10	Class 0	Negative
		0.10 - 0.34	Class 0/1	Equivocal/Borderline
		0.35 - 0.69	Class 1	Equivocal
		0.70 - 3.49	Class 2	Positive
		3.50 - 17.49	Class 3	Positive
		17.50 - 49.99	Class 4	Strongly Positive
		50.00 - 99.99	Class 5	Strongly Positive
		>=100.00	Class 6	Strongly Positive
4510	Allergen - Rhizopus nigricans	IgE kU/L	Class	Interpretation
		<0.10	Class 0	Negative
		0.10 - 0.34	Class 0/1	Equivocal/Borderline
		0.35 - 0.69	Class 1	Equivocal
		0.70 - 3.49	Class 2	Positive
		3.50 - 17.49	Class 3	Positive
		17.50 - 49.99	Class 4	Strongly Positive
		50.00 - 99.99	Class 5	Strongly Positive
		>=100.00	Class 6	Strongly Positive
4357	Allergen - Rice	IgE kU/L	Class	Interpretation
		<0.10	Class 0	Negative
		0.10 - 0.34	Class 0/1	Equivocal/Borderline
		0.35 - 0.69	Class 1	Equivocal
		0.70 - 3.49	Class 2	Positive
		3.50 - 17.49	Class 3	Positive
		17.50 - 49.99	Class 4	Strongly Positive
		50.00 - 99.99	Class 5	Strongly Positive
		>=100.00	Class 6	Strongly Positive

Test ID	Order Code Name	Reference Range Information		
2960	Allergen - Russian Thistle (Saltwort)	IgE kU/L	Class	Interpretation
		<0.10	Class 0	Negative
		0.10 - 0.34	Class 0/1	Equivocal/Borderline
		0.35 - 0.69	Class 1	Equivocal
		0.70 - 3.49	Class 2	Positive
		3.50 - 17.49	Class 3	Positive
		17.50 - 49.99	Class 4	Strongly Positive
		50.00 - 99.99	Class 5	Strongly Positive
		>=100.00	Class 6	Strongly Positive
4370	Allergen - Rye, Food	IgE kU/L	Class	Interpretation
		<0.10	Class 0	Negative
		0.10 - 0.34	Class 0/1	Equivocal/Borderline
		0.35 - 0.69	Class 1	Equivocal
		0.70 - 3.49	Class 2	Positive
		3.50 - 17.49	Class 3	Positive
		17.50 - 49.99	Class 4	Strongly Positive
		50.00 - 99.99	Class 5	Strongly Positive
		>=100.00	Class 6	Strongly Positive
4873	Allergen - Salmon	IgE kU/L	Class	Interpretation
		<0.10	Class 0	Negative
		0.10 - 0.34	Class 0/1	Equivocal/Borderline
		0.35 - 0.69	Class 1	Equivocal
		0.70 - 3.49	Class 2	Positive
		3.50 - 17.49	Class 3	Positive
		17.50 - 49.99	Class 4	Strongly Positive
		50.00 - 99.99	Class 5	Strongly Positive
		>=100.00	Class 6	Strongly Positive
5873	Allergen - Scallop	IgE kU/L	Class	Interpretation
		<0.10	Class 0	Negative
		0.10 - 0.34	Class 0/1	Equivocal/Borderline
		0.35 - 0.69	Class 1	Equivocal
		0.70 - 3.49	Class 2	Positive
		3.50 - 17.49	Class 3	Positive
		17.50 - 49.99	Class 4	Strongly Positive
		50.00 - 99.99	Class 5	Strongly Positive
		>=100.00	Class 6	Strongly Positive
4874	Allergen - Sesame Seed	IgE kU/L	Class	Interpretation
		<0.10	Class 0	Negative
		0.10 - 0.34	Class 0/1	Equivocal/Borderline
		0.35 - 0.69	Class 1	Equivocal
		0.70 - 3.49	Class 2	Positive
		3.50 - 17.49	Class 3	Positive
		17.50 - 49.99	Class 4	Strongly Positive
		50.00 - 99.99	Class 5	Strongly Positive
		>=100.00	Class 6	Strongly Positive

Test ID	Order Code Name	Reference Range Information		
4875	Allergen - Shrimp	IgE kU/L	Class	Interpretation
		<0.10	Class 0	Negative
		0.10 - 0.34	Class 0/1	Equivocal/Borderline
		0.35 - 0.69	Class 1	Equivocal
		0.70 - 3.49	Class 2	Positive
		3.50 - 17.49	Class 3	Positive
		17.50 - 49.99	Class 4	Strongly Positive
		50.00 - 99.99	Class 5	Strongly Positive
		>=100.00	Class 6	Strongly Positive
4352	Allergen - Soybean	IgE kU/L	Class	Interpretation
		<0.10	Class 0	Negative
		0.10 - 0.34	Class 0/1	Equivocal/Borderline
		0.35 - 0.69	Class 1	Equivocal
		0.70 - 3.49	Class 2	Positive
		3.50 - 17.49	Class 3	Positive
		17.50 - 49.99	Class 4	Strongly Positive
		50.00 - 99.99	Class 5	Strongly Positive
		>=100.00	Class 6	Strongly Positive
4983	Allergen - Squid	IgE kU/L	Class	Interpretation
		<0.10	Class 0	Negative
		0.10 - 0.34	Class 0/1	Equivocal/Borderline
		0.35 - 0.69	Class 1	Equivocal
		0.70 - 3.49	Class 2	Positive
		3.50 - 17.49	Class 3	Positive
		17.50 - 49.99	Class 4	Strongly Positive
		50.00 - 99.99	Class 5	Strongly Positive
		>=100.00	Class 6	Strongly Positive
4384	Allergen - Strawberry	IgE kU/L	Class	Interpretation
		<0.10	Class 0	Negative
		0.10 - 0.34	Class 0/1	Equivocal/Borderline
		0.35 - 0.69	Class 1	Equivocal
		0.70 - 3.49	Class 2	Positive
		3.50 - 17.49	Class 3	Positive
		17.50 - 49.99	Class 4	Strongly Positive
		50.00 - 99.99	Class 5	Strongly Positive
		>=100.00	Class 6	Strongly Positive
2391	Allergen - Sunflower Seed	IgE kU/L	Class	Interpretation
		<0.10	Class 0	Negative
		0.10 - 0.34	Class 0/1	Equivocal/Borderline
		0.35 - 0.69	Class 1	Equivocal
		0.70 - 3.49	Class 2	Positive
		3.50 - 17.49	Class 3	Positive
		17.50 - 49.99	Class 4	Strongly Positive
		50.00 - 99.99	Class 5	Strongly Positive
		>=100.00	Class 6	Strongly Positive

Test ID	Order Code Name	Reference Range Information		
4512	Allergen - Swordfish	IgE kU/L	Class	Interpretation
		<0.10	Class 0	Negative
		0.10 - 0.34	Class 0/1	Equivocal/Borderline
		0.35 - 0.69	Class 1	Equivocal
		0.70 - 3.49	Class 2	Positive
		3.50 - 17.49	Class 3	Positive
		17.50 - 49.99	Class 4	Strongly Positive
		50.00 - 99.99	Class 5	Strongly Positive
		>=100.00	Class 6	Strongly Positive
4369	Allergen - Tomato	IgE kU/L	Class	Interpretation
		<0.10	Class 0	Negative
		0.10 - 0.34	Class 0/1	Equivocal/Borderline
		0.35 - 0.69	Class 1	Equivocal
		0.70 - 3.49	Class 2	Positive
		3.50 - 17.49	Class 3	Positive
		17.50 - 49.99	Class 4	Strongly Positive
		50.00 - 99.99	Class 5	Strongly Positive
		>=100.00	Class 6	Strongly Positive
2489	Allergen - Trimellitic Anhydride	IgE kU/L	Class	Interpretation
		<0.10	Class 0	Negative
		0.10 - 0.34	Class 0/1	Equivocal/Borderline
		0.35 - 0.69	Class 1	Equivocal
		0.70 - 3.49	Class 2	Positive
		3.50 - 17.49	Class 3	Positive
		17.50 - 49.99	Class 4	Strongly Positive
		50.00 - 99.99	Class 5	Strongly Positive
		>=100.00	Class 6	Strongly Positive
4986	Allergen - Trout	IgE kU/L	Class	Interpretation
		<0.10	Class 0	Negative
		0.10 - 0.34	Class 0/1	Equivocal/Borderline
		0.35 - 0.69	Class 1	Equivocal
		0.70 - 3.49	Class 2	Positive
		3.50 - 17.49	Class 3	Positive
		17.50 - 49.99	Class 4	Strongly Positive
		50.00 - 99.99	Class 5	Strongly Positive
		>=100.00	Class 6	Strongly Positive
4390	Allergen - Tuna	IgE kU/L	Class	Interpretation
		<0.10	Class 0	Negative
		0.10 - 0.34	Class 0/1	Equivocal/Borderline
		0.35 - 0.69	Class 1	Equivocal
		0.70 - 3.49	Class 2	Positive
		3.50 - 17.49	Class 3	Positive
		17.50 - 49.99	Class 4	Strongly Positive
		50.00 - 99.99	Class 5	Strongly Positive
		>=100.00	Class 6	Strongly Positive

Test ID	Order Code Name	Reference Range Information		
4381	Allergen - Turkey Meat	IgE kU/L	Class	Interpretation
		<0.10	Class 0	Negative
		0.10 - 0.34	Class 0/1	Equivocal/Borderline
		0.35 - 0.69	Class 1	Equivocal
		0.70 - 3.49	Class 2	Positive
		3.50 - 17.49	Class 3	Positive
		17.50 - 49.99	Class 4	Strongly Positive
		50.00 - 99.99	Class 5	Strongly Positive
		>=100.00	Class 6	Strongly Positive
4383	Allergen - Walnut Food	IgE kU/L	Class	Interpretation
		<0.10	Class 0	Negative
		0.10 - 0.34	Class 0/1	Equivocal/Borderline
		0.35 - 0.69	Class 1	Equivocal
		0.70 - 3.49	Class 2	Positive
		3.50 - 17.49	Class 3	Positive
		17.50 - 49.99	Class 4	Strongly Positive
		50.00 - 99.99	Class 5	Strongly Positive
		>=100.00	Class 6	Strongly Positive
2961	Allergen - Walnut Tree	IgE kU/L	Class	Interpretation
		<0.10	Class 0	Negative
		0.10 - 0.34	Class 0/1	Equivocal/Borderline
		0.35 - 0.69	Class 1	Equivocal
		0.70 - 3.49	Class 2	Positive
		3.50 - 17.49	Class 3	Positive
		17.50 - 49.99	Class 4	Strongly Positive
		50.00 - 99.99	Class 5	Strongly Positive
		>=100.00	Class 6	Strongly Positive
2392	Allergen - Wasp, Paper	IgE kU/L	Class	Interpretation
		<0.10	Class 0	Negative
		0.10 - 0.34	Class 0/1	Equivocal/Borderline
		0.35 - 0.69	Class 1	Equivocal
		0.70 - 3.49	Class 2	Positive
		3.50 - 17.49	Class 3	Positive
		17.50 - 49.99	Class 4	Strongly Positive
		50.00 - 99.99	Class 5	Strongly Positive
		>=100.00	Class 6	Strongly Positive
2393	Allergen - Watermelon	IgE kU/L	Class	Interpretation
		<0.10	Class 0	Negative
		0.10 - 0.34	Class 0/1	Equivocal/Borderline
		0.35 - 0.69	Class 1	Equivocal
		0.70 - 3.49	Class 2	Positive
		3.50 - 17.49	Class 3	Positive
		17.50 - 49.99	Class 4	Strongly Positive
		50.00 - 99.99	Class 5	Strongly Positive
		>=100.00	Class 6	Strongly Positive

Test ID	Order Code Name	Reference Range Information		
4346	Allergen - Wheat	IgE kU/L	Class	Interpretation
		<0.10	Class 0	Negative
		0.10 - 0.34	Class 0/1	Equivocal/Borderline
		0.35 - 0.69	Class 1	Equivocal
		0.70 - 3.49	Class 2	Positive
		3.50 - 17.49	Class 3	Positive
		17.50 - 49.99	Class 4	Strongly Positive
		50.00 - 99.99	Class 5	Strongly Positive
		>=100.00	Class 6	Strongly Positive
4987	Allergen - Whey, Cow	IgE kU/L	Class	Interpretation
		<0.10	Class 0	Negative
		0.10 - 0.34	Class 0/1	Equivocal/Borderline
		0.35 - 0.69	Class 1	Equivocal
		0.70 - 3.49	Class 2	Positive
		3.50 - 17.49	Class 3	Positive
		17.50 - 49.99	Class 4	Strongly Positive
		50.00 - 99.99	Class 5	Strongly Positive
		>=100.00	Class 6	Strongly Positive
2987	Allergen - White Ash	IgE kU/L	Class	Interpretation
		<0.10	Class 0	Negative
		0.10 - 0.34	Class 0/1	Equivocal/Borderline
		0.35 - 0.69	Class 1	Equivocal
		0.70 - 3.49	Class 2	Positive
		3.50 - 17.49	Class 3	Positive
		17.50 - 49.99	Class 4	Strongly Positive
		50.00 - 99.99	Class 5	Strongly Positive
		>=100.00	Class 6	Strongly Positive
2394	Allergen - White Fish	IgE kU/L	Class	Interpretation
		<0.10	Class 0	Negative
		0.10 - 0.34	Class 0/1	Equivocal/Borderline
		0.35 - 0.69	Class 1	Equivocal
		0.70 - 3.49	Class 2	Positive
		3.50 - 17.49	Class 3	Positive
		17.50 - 49.99	Class 4	Strongly Positive
		50.00 - 99.99	Class 5	Strongly Positive
		>=100.00	Class 6	Strongly Positive
4356	Allergen - White Potato	IgE kU/L	Class	Interpretation
		<0.10	Class 0	Negative
		0.10 - 0.34	Class 0/1	Equivocal/Borderline
		0.35 - 0.69	Class 1	Equivocal
		0.70 - 3.49	Class 2	Positive
		3.50 - 17.49	Class 3	Positive
		17.50 - 49.99	Class 4	Strongly Positive
		50.00 - 99.99	Class 5	Strongly Positive
		>=100.00	Class 6	Strongly Positive

Test ID	Order Code Name	Reference Range Information		
2965	Allergen - Willow	IgE kU/L	Class	Interpretation
		<0.10	Class 0	Negative
		0.10 - 0.34	Class 0/1	Equivocal/Borderline
		0.35 - 0.69	Class 1	Equivocal
		0.70 - 3.49	Class 2	Positive
		3.50 - 17.49	Class 3	Positive
		17.50 - 49.99	Class 4	Strongly Positive
		50.00 - 99.99	Class 5	Strongly Positive
		>=100.00	Class 6	Strongly Positive
4358	Allergen - Yeast Baker's	IgE kU/L	Class	Interpretation
		<0.10	Class 0	Negative
		0.10 - 0.34	Class 0/1	Equivocal/Borderline
		0.35 - 0.69	Class 1	Equivocal
		0.70 - 3.49	Class 2	Positive
		3.50 - 17.49	Class 3	Positive
		17.50 - 49.99	Class 4	Strongly Positive
		50.00 - 99.99	Class 5	Strongly Positive
		>=100.00	Class 6	Strongly Positive
5875	Allergen - Yellow Jacket	IgE kU/L	Class	Interpretation
		<0.10	Class 0	Negative
		0.10 - 0.34	Class 0/1	Equivocal/Borderline
		0.35 - 0.69	Class 1	Equivocal
		0.70 - 3.49	Class 2	Positive
		3.50 - 17.49	Class 3	Positive
		17.50 - 49.99	Class 4	Strongly Positive
		50.00 - 99.99	Class 5	Strongly Positive
		>=100.00	Class 6	Strongly Positive
8600	Allergen -Mouse Urine Protein	IgE kU/L	Class	Interpretation
		<0.10	Class 0	Negative
		0.10 - 0.34	Class 0/1	Equivocal/Borderline
		0.35 - 0.69	Class 1	Equivocal
		0.70 - 3.49	Class 2	Positive
		3.50 - 17.49	Class 3	Positive
		17.50 - 49.99	Class 4	Strongly Positive
		50.00 - 99.99	Class 5	Strongly Positive
		>=100.00	Class 6	Strongly Positive
1909	Allergen-Avocado	IgE kU/L	Class	Interpretation
		<0.10	Class 0	Negative
		0.10 - 0.34	Class 0/1	Equivocal/Borderline
		0.35 - 0.69	Class 1	Equivocal
		0.70 - 3.49	Class 2	Positive
		3.50 - 17.49	Class 3	Positive
		17.50 - 49.99	Class 4	Strongly Positive
		50.00 - 99.99	Class 5	Strongly Positive
		>=100.00	Class 6	Strongly Positive

Test ID	Order Code Name	Reference Range Information		
1910	Allergen-Catfish	IgE kU/L	Class	Interpretation
		<0.10	Class 0	Negative
		0.10 - 0.34	Class 0/1	Equivocal/Borderline
		0.35 - 0.69	Class 1	Equivocal
		0.70 - 3.49	Class 2	Positive
		3.50 - 17.49	Class 3	Positive
		17.50 - 49.99	Class 4	Strongly Positive
		50.00 - 99.99	Class 5	Strongly Positive
		>=100.00	Class 6	Strongly Positive
4392	ALLERGEN- CHOCOLATE/COCOA, IGE	IgE kU/L	Class	Interpretation
		<0.10	Class 0	Negative
		0.10 - 0.34	Class 0/1	Equivocal/Borderline
		0.35 - 0.69	Class 1	Equivocal
		0.70 - 3.49	Class 2	Positive
		3.50 - 17.49	Class 3	Positive
		17.50 - 49.99	Class 4	Strongly Positive
		50.00 - 99.99	Class 5	Strongly Positive
		>=100.00	Class 6	Strongly Positive
1911	Allergen-Flounder	IgE kU/L	Class	Interpretation
		<0.10	Class 0	Negative
		0.10 - 0.34	Class 0/1	Equivocal/Borderline
		0.35 - 0.69	Class 1	Equivocal
		0.70 - 3.49	Class 2	Positive
		3.50 - 17.49	Class 3	Positive
		17.50 - 49.99	Class 4	Strongly Positive
		50.00 - 99.99	Class 5	Strongly Positive
		>=100.00	Class 6	Strongly Positive
1913	Allergen-Lamb/Mutton	IgE kU/L	Class	Interpretation
		<0.10	Class 0	Negative
		0.10 - 0.34	Class 0/1	Equivocal/Borderline
		0.35 - 0.69	Class 1	Equivocal
		0.70 - 3.49	Class 2	Positive
		3.50 - 17.49	Class 3	Positive
		17.50 - 49.99	Class 4	Strongly Positive
		50.00 - 99.99	Class 5	Strongly Positive
		>=100.00	Class 6	Strongly Positive
1914	Allergen-Quinoa	IgE kU/L	Class	Interpretation
		<0.10	Class 0	Negative
		0.10 - 0.34	Class 0/1	Equivocal/Borderline
		0.35 - 0.69	Class 1	Equivocal
		0.70 - 3.49	Class 2	Positive
		3.50 - 17.49	Class 3	Positive
		17.50 - 49.99	Class 4	Strongly Positive
		50.00 - 99.99	Class 5	Strongly Positive
		>=100.00	Class 6	Strongly Positive

Test ID	Order Code Name	Reference Range Information		
1912	Allergen-Tilapia	IgE kU/L	Class	Interpretation
		<0.10	Class 0	Negative
		0.10 - 0.34	Class 0/1	Equivocal/Borderline
		0.35 - 0.69	Class 1	Equivocal
		0.70 - 3.49	Class 2	Positive
		3.50 - 17.49	Class 3	Positive
		17.50 - 49.99	Class 4	Strongly Positive
		50.00 - 99.99	Class 5	Strongly Positive
		>=100.00	Class 6	Strongly Positive
1605	ALLRGN CAT COMPONENT PANEL	IgE kU/L	Class	Interpretation
		<0.10	Class 0	Negative
		0.10 - 0.34	Class 0/1	Equivocal/Borderline
		0.35 - 0.69	Class 1	Equivocal
		0.70 - 3.49	Class 2	Positive
		3.50 - 17.49	Class 3	Positive
		17.50 - 49.99	Class 4	Strongly Positive
		50.00 - 99.99	Class 5	Strongly Positive
		>=100.00	Class 6	Strongly Positive
1606	ALLRGN DOG COMPONENT PANEL	IgE kU/L	Class	Interpretation
		<0.10	Class 0	Negative
		0.10 - 0.34	Class 0/1	Equivocal/Borderline
		0.35 - 0.69	Class 1	Equivocal
		0.70 - 3.49	Class 2	Positive
		3.50 - 17.49	Class 3	Positive
		17.50 - 49.99	Class 4	Strongly Positive
		50.00 - 99.99	Class 5	Strongly Positive
		>=100.00	Class 6	Strongly Positive
1675	Alphafetoprotein (AFP), Tumor Marker (Roche)	8.3 ng/mL		
522	ALT (SGPT)	Female (U/L) <1 year: 7 - 36 1 - <13 years: 12 - 28 13 - <19 years: 10 - 25 >=19 years: 0 - 35 Male (U/L) <1 year: 7 - 36 1 - <13 years: 12 - 28 13 - <19 years: 12-27 >=19 years: 0 - 50		
5944	ALT (SGPT), Fluid	None established		
561	Ammonia	Female: 11 - 51 umol/L Male: 15 - 60 umol/L		
2453	AmniSure ROM	Negative		
5983	Amphetamine Screen	Negative		
551	Amylase	28-100 U/L		
5942	Amylase, Fluid	None established		
9551	Amylase, Urine Random	None established		
5551	Amylase, Urine Timed	16-491 units/24 hours		

Laboratory Reference Ranges

Test ID	Order Code Name	Reference Range Information
5568	Amylase/Creatinine Ratio	Normal: <5% (mean 3.1%) Pancreatitis: 5-19% (mean 9.6%) Burns (extensive): mean 19.3% Diabetic Ketoacidosis: mean 6.2%
2499	ANA Panel	Anti-dsDNA <=4 IU/mL: Negative 5 - 9 IU/mL: Indeterminate >=10 IU/mL: Positive Other other Panel members: <1.0: Negative >=1.0: Positive
4136	ANA Screen	Negative
4137	ANA Screen with reflex to ANA Panel	Negative If positive an ANA panel will be performed.
6960	A-N-Acetate Esterase	See written Pathology report.
9864	ANTENATAL RHIG	ABO European Americans: 45% Group O, 40% Group A, 11% Group B, 4% Group AB African Americans: 49% Group O, 27% Group A, 27% Group B, 4% Group AB Rh: Approximately 15% of Americans are Rh negative Antibody Screen: Negative The antibody screen is intended to detect blood group alloantibodies and/or autoantibodies in patient's serum which may cause a hemolytic transfusion reaction or hemolytic disease of the newborn. When a positive antibody screen is detected as a result of a request for transfusion of RBC-containing components, antibody identification should be completed before blood is issued. If transfusion is urgent, the physician may be required to sign an emergency release form (see Emergency Transfusion). An Antibody Screen is done on plasma or serum; a Direct Antiglobulin (Coombs') Test is done on red cells.
8021	Antibody ID	Negative Antibody identification is not commonly ordered as a specific test, but instead is performed reflexively after a positive antibody screening test; antibody screening is, in turn, performed as part of a blood component request, Type-and-Screen order, Prenatal Testing, Rh Immune Globulin request, or cord blood test.

Test ID	Order Code Name	Reference Range Information
9852	ANTIBODY SCREEN AUTOMATED	Negative The antibody screen is intended to detect blood group alloantibodies and/or autoantibodies in patient's serum which may cause a hemolytic transfusion reaction or hemolytic disease of the newborn. When a positive antibody screen is detected as a result of a request for transfusion of RBC-containing components, antibody identification should be completed before blood is issued. If transfusion is urgent, the physician may be required to sign an emergency release form (see Emergency Transfusion). An Antibody Screen is done on plasma or serum; a Direct Antiglobulin (Coombs') Test is done on red cells.
8018	Antibody Titer	Negative Titration is used to predict or diagnose hemolytic disease of the newborn (HDN). Titers of clinically significant blood group alloantibodies above 32 may be indication for invasive testing to determine fetal status (PUBS or amniocentesis); consultation should be obtained.
4191	Anti-Centromere Antibodies	<1.0: Negative >=1.0: Positive
2497	Anti-Chromatin Antibodies	<1.0: Negative >=1.0: Positive
4202	Anti-dsDNA Antibodies	<=4 IU/mL: Negative 5 - 9 IU/mL: Indeterminate >=10 IU/mL: Positive
4139	Anti-Jo-1 Antibodies	<1.0: Negative >=1.0: Positive
2948	Anti-Ribosomal P Antibodies	<1.0 U: Negative >=1.0 U: Positive
2949	Anti-RNP Antibodies	<1.0: Negative >=1.0: Positive
4204	Anti-RNP/Sm Antibodies	<1.0: Negative >=1.0: Positive
4208	Anti-SCL70 Antibodies	<1.0: Negative >=1.0: Positive
4939	Anti-SM & Anti-RNP/Sm Antibodies	Anti-Sm <1.0: Negative >=1.0: Positive Anti-RNP/Sm <1.0: Negative >=1.0: Positive
4203	Anti-Sm Antibodies	<1.0: Negative >=1.0: Positive
4205	Anti-SSA Antibodies	<1.0: Negative >=1.0: Positive
4206	Anti-SSB Antibodies	<1.0: Negative >=1.0: Positive
6230	Anti-Thrombin III	72-148% activity

Laboratory Reference Ranges

Test ID	Order Code Name	Reference Range Information
2442	Anti-Thyroid Antibody (ATA) Panel	Thyroglobulin Antibodies: <20 IU/mL Thyroid Peroxidase Antibodies: <20 IU/mL: Negative 20.0-29.9 IU/mL: Equivocal >=30 IU/mL: Positive
4479	Anti-TPO IgG	<9 IU/mL
6027	APC (Activated Protein C Cofactor) Resistance	Normal APC resistance. Decreased APC resistance will have a pathologist review. This test is used to detect Activated Protein C resistance, which is believed to be a major cause for hereditary thromboembolic diseases. APC is a hereditary disorder in the protein C anticoagulant pathway. It is characterized by an abnormally low anticoagulant response in human plasma on addition of APC (Activated Protein C). About 90% of cases with APC Resistance are explained by a mutation in the factor V gene, which makes one of the APC cleavage sites in Factor Va less susceptible to cleavage due to an amino acid substitution (Arg506→Gln)
1752	Apolipoprotein E Genotype	e3/e3 This test was developed and its performance characteristics determined by the Molecular Diagnostics Laboratory at NorthShore University HealthSystem. It has not been cleared or approved by the FDA. The laboratory is regulated under CLIA as qualified to perform high-complexity testing. This test is used for clinical purposes. It should not be regarded as investigational or for research.
10	Arterial Blood Gases	Arterial pH: 7.34-7.45 pCO ₂ : 32-45 mmHg pO ₂ : 80-95 mmHg HCO ₃ : 20-26 meq/L Total CO ₂ : 21-27 meq/L Oxygen Saturation: 95-98% Base Excess: -2 to +2 CRITICAL VALUES pH <7.2 or >7.6 pCO ₂ <20 or >60 pO ₂ <40
3301	Arthropod Identification	ID of organism submitted
4442	ASO (Antistreptolysin O)	<=18 years: 0-150 IU/mL >18 years: 0-200 IU/mL
2561	Aspirin Assay	Therapeutic Range: 350-549 ARU non-therapeutic Range: 550-700 ARU Aspirin Reaction Units (ARU) indicates the amount of thromboxane A ₂ -mediated activation of GP IIb/IIIa receptors involved in platelet aggregation. ARU is calculated as a function of the rate and extent of platelet aggregation.

Test ID	Order Code Name	Reference Range Information
518	AST (SGOT)	Female: (U/L) 0 - <15 days: 40 - 175 15 days - <1 year: 28 - 77 1 - <7 years: 29 - 53 7 years - <12 years: 26 - 45 12 years - <19 years: 21 - 34 >=19 years: 0 - 35 Male: (U/L) 0 - <15 days: 40 - 175 15 days - <1 year: 28 - 77 1 - <7 years: 29 - 53 7 years - <12 years: 26 - 45 12 years - <19 years: 22 - 44 >=19 years: 0 - 50
5938	AST (SGOT), Fluid	None established.
3513	Bacterial Vaginosis Exam	Negative
5984	Barbiturate Screen	Negative
5005	Basic Metabolic Panel	See individual tests in panel.
594	Basic Metabolic Panel - Stroke	See individual tests in panel.
1742	Basic Metabolic Panel, Serum - Kellogg Cancer Care Only	See individual tests in panel
1063	B-Cell Clonality	No clonality present. This test was developed and its performance characteristics determined by the Evanston Hospital Molecular Diagnostics Laboratory. It has not been cleared or approved by the U.S. Food and Drug Administration.
8242	BCR-ABL P190 QUAL PCR DETECTION	Not Detected
2294	BCR-ABL1, Quantative RT-PCR	Not detected
5989	Benzodiazepine Screen	Negative
6492	Beta 2 Glycoprotein I - IgG, IgM and IgA	Beta 2 Glycoprotein I Antibodies, IgG <20.0 U/mL: negative >=20 U/mL: positive Beta 2 Glycoprotein I Antibodies, IgM <20.0 U/mL: negative >=20 U/mL: positive Beta 2 Glycoprotein I Antibodies, IgA <20.0 U/mL: negative >=20 U/mL: positive These assays have specifically been calibrated such that values >=20 U/mL are classified as positive as described in S. Miyakis et al, International Consensus Statement on an Update of the Classification Criteria for Definite Antiphospholipid Syndrome. Journal of Thrombosis and Haemostasis. 2006;4:295-306.

Laboratory Reference Ranges

Test ID	Order Code Name	Reference Range Information
4943	Beta HCG, Quantitative, Total	Male: <2 mIU/mL Female: Premenopausal, Non-pregnant: <1 mIU/mL Postmenopausal: <7 mIU/mL Beta HCG ranges during normal pregnancy, as reported in the literature, are: 3-4 weeks post LMP: 9-130 mIU/mL 4-5 weeks post LMP: 75-2,600 mIU/mL 5-6 weeks post LMP: 850-20,800 mIU/mL 6-7 weeks post LMP: 4,000-100,200 mIU/mL 7-12 weeks post LMP: 11,500-289,000 mIU/mL 12-16 weeks post LMP: 18,300-137,000 mIU/mL 16-29 weeks 2nd trimester: 1,400-53,000 mIU/mL 29-41 weeks 3rd trimester: 940-60,000 mIU/mL
5353	Beta Hydroxybutyrate	0.0-0.3 mmol/L
513	Bilirubin, Direct	0.0-0.4 mg/dL
512	Bilirubin, Total	Newborn: 0.0-14.9 mg/dL 1 month-<19 years: 0.0-1.0 mg/dL ≥19 years: 0.0-1.2 mg/dL
15	Bilirubin, Total and Direct	Total Bilirubin: Newborn: 0.0-14.9 mg/dL 1 month-<19 years: 0.0-1.0 mg/dL ≥19 years: 0.0-1.2 mg/dL Direct Bilirubin: 0.0-0.4 mg/dL
2740	Bilirubin, Total, Cord Blood	<2.5 mg/dL
5932	Bilirubin, Total, Fluid	None established
1180	BK Virus DNA Detection, PL, Quant	Not Detected
1185	BK Virus DNA Detection, UR, Quant	Not Detected
9989057-B	Bone Marrow Pathology	See written Pathology report.
9989057-B	Bone Marrow Pathology	See written Pathology report.
1182	Bordetella Pertussis and Parapertussis DNA Detection	Negative

Test ID	Order Code Name	Reference Range Information
506	BUN	<1 year: 4-19 mg/dL 1 - <18 years: 5-18 mg/dL 18 - <60 years: 6-20 mg/dL ≥60 years: 8-23 mg/dL CRITICAL VALUES: >100 mg/dL; >150 mg/dL for Highland Park Hospital dialysis patients BUN measures the amount of urea nitrogen in the blood. Urea is formed in the liver as the end product of protein metabolism and is excreted by the kidney. Nearly all renal diseases cause an elevation of the blood concentration. BUN levels also may vary according to the state of hydration, with increased levels seen in dehydration.
5926	BUN, Fluid	None established
2271	C. Difficile Detection by PCR	Negative
4782	C3 Complement	81-157 mg/dL
4783	C4 Complement	12.9 - 39.2 mg/dL
1672	CA 125 (Roche)	≤35 U/mL
1673	CA 15-3 (Roche)	≤25 U/mL
1674	CA 19-9 (Carbohydrate Antigen 19-9) (Roche)	≤35 U/mL
510	Calcium	0 - <1 year: 8.6-11.0 mg/dL 1 - <19 years: 0.2-10.6 mg/dL ≥19 years: 8.5-10.5 mg/dL CRITICAL VALUES Newborns: <6.0 or >12.0 mg/dL Adults: <7.0 or >12.0 mg/dL
5930	Calcium, Fluid	None established
5862	Calcium, Ionized	1.12 - 1.23 mmol/L
1731	Calcium, Ionized, Serum	
9510	Calcium, Urine Random	None established
5510	Calcium, Urine Timed	Female <200 mg/Total Volume Male <250 mg/Total Volume
9525	Calcium/Creatinine Ratio, Urine	0.0 - 0.10
1836	Calprotectin, Feces	Normal <50 mg/g Borderline 50-120 mg/g Elevated >120 mg/g
4214	Cancer Antigen (CA) 27.29	≤38.6 U/mL
5219	Carbamazepine (Tegretol)	4-12 mg/L CRITICAL VALUES: >15.0 mg/L
505	Carbon Dioxide (CO ₂)	22-29 mEq/L CRITICAL VALUES: <10 mEq/L
5925	Carbon Dioxide, Fluid	None established

Laboratory Reference Ranges

Test ID	Order Code Name	Reference Range Information		
2268	Carbon Monoxide, Blood (use at Evanston Hospital OPL only)	Nonsmokers: 0.5 - 1.5% Smokers: 1-2 packs/day: 4 - 5% >2 packs/day: up to 9% Toxic: >20% Lethal: >50%		
552	Carbon Monoxide, Blood (use at Glenbrook, Highland Park and Skokie Hospitals)	Nonsmokers: 0.5 - 1.5% Smokers: 1-2 packs/day: 4 - 5% >2 packs/day: up to 9% Toxic: >20% Lethal: >50%		
1779	Cardiac Markers-Stroke	See individual tests in panel.		
5130	Cardiac Risk /Lipid Panel	TOTAL CHOLESTEROL (mg/dL) <200 Desirable 200 - 239 Borderline High >=240 High LDL CHOLESTEROL (mg/dL) For patients in the High Risk Group: <100 with therapeutic goal of <70 For all others: <130 with therapeutic goal of <100 <100 Optimal 100 - 129 Near Optimal/Above Optimal 130 - 159 Borderline High 160 - 189 High >=190 Very High TRIGLYCERIDES (mg/dL) <150 Normal 150 - 199 Borderline High 200 - 499 High >=500 Very High HDL CHOLESTEROL (mg/dL) >=40 Normal/Optimal <40 Low/Increased Risk NON-HDL CHOLESTEROL (mg/dL) CHD and CHD Risk Equivalent (10-year Risk of CHD >20%): <130 with therapeutic goal of <100 Multiple (2+) Risk Factors and 10-year Risk of CHD <20%: <160 with therapeutic goal of <130		
1895	Cashew Allergy Component	IgE kU/L <0.10 0.10 - 0.34 0.35 - 0.69 0.70 - 3.49 3.50 - 17.49 17.50 - 49.99 50.00 - 99.99 >=100.00	Class Class 0 Class 0/1 Class 1 Class 2 Class 3 Class 4 Class 5 Class 6	Interpretation Negative Equivocal/Borderline Equivocal Positive Positive Strongly Positive Strongly Positive Strongly Positive

Test ID	Order Code Name	Reference Range Information
58	CBC	Basophil % and Number Count %: 0-2.0 Number Count (thousands/uL): 0-1 day: 0.0-0.7 >1 day: 0.0-0.2 Eosinophil % and Number Count%: 0-1 day: 0.0-3.0 >1 day: 0.0-8.0 Number Count (thousands/uL): 0-1 day: 0.0-2.0 >1 day: 0.0-0.6 Female Hemoglobin (gm/dL): 0-28 days: 10.0-18.0 29-61 days: 9.0-14.0 61-90 days: 9.5-13.5 91-181 days: 10.5-13.0 182 days-2 years: 11.5-13.0 >2-6 years: 11.5-15.0 >6 years: 12.0-15.0 Male Hemoglobin(gm/dL): 0-28 days: 10.0-18.0 29-61 days: 9.0-14.0 61-90 days: 9.5-13.5 91-181 days: 10.5-13.0 182 days-2 years: 11.5-13.0 >2-6 years: 11.0-15.0 >6 years: 13.0-17.0 Female Hematocrit (%): 0-28 days: 31.0-55.0 29-61 days: 28.0-42.0 62-90 days: 29.0-41.0

Test ID	Order Code Name	Reference Range Information
	CBC (cont'd)	91-181 days: 33.0-39.0 182 days-2 years: 34.0-40.0 >2-6 years: 35.0-45.0 >6 years: 36.0-45.0 Male Hematocrit: 0-28 days: 31.0-55.0 29-61 days: 28.0-42.0 62-90 days: 29.0-41.0 91-181 days: 33.0-39.0 182 days-2 years: 34.0-40.0 >2-6 years: 35.0-45.0 >6 years: 39.0-51.0 Lymphocyte % and Number Count %: 0-1 day: 25.0-46.0 2-29 days: 42.0-72.0 30 days-2 years: 35-65 >2 years-6 years: 15.0-50.0 >6 years: 12.0-40.0 Number Count (thousands/uL): 0-1 day: 2.5-10.5 2-29 days: 2.1-14.4 30 days-2 years: 2.1-11.0 >2-6 years: 1.0-4.0 >6 years: 1.0-4.0 MCH (uug): 0-28 days: 28.0-40.0 29-61 days: 26.0-34.0

Laboratory Reference Ranges

Test ID	Order Code Name	Reference Range Information
	CBC (cont'd)	62-90 days: 25.0-35.0 91-181 days: 23.0-31.0 182 days-2 years: 24.0-30.0 >2-6 years: 27.0-34.0 >6 years: 27.0-33.0 MCHC (%): 32.5-36.5 MCV (fL): 0-28 days: 85.0-123.0 29-61 days: 77.0-115.0 62-90 days: 74.0-108.0 91-181 days: 70.0-86.0 182 days-2 years: 75.0-87.0 >2-6 years: 80.0-99.0 >6 years: 81.0-99.0 Monocyte % and Number Count %: 0-28 days: 3.0-10.0 29 days-6 years: 5.0-15.0 >6 years: 4.0-12.0 Number Count (thousands/uL): 0-28 days: 0.2-1.9 29 days-6 years: 0.2-1.0 >6 years: 0.1-0.7 Neutrophil % and Number Count %: 0-1 days: 32.0-62.0 2-28 days: 14.0-34.0 29 days-6 years: 34.0-73.0 >6 years: 40.0-74.0

Laboratory Reference Ranges

Test ID	Order Code Name	Reference Range Information
	CBC (cont'd)	Number Count (thousands/uL): 0-1 days: 3.0-27.0 2-28 days: 0.8-9.0 29 days-6 years: 1.8-10.0 >6 years: 1.5-8.0 Platelets Count (thousands/uL: 150-400 Female RBC (millions/uL): 0-28 days: 3.00-5.40 29-61 days: 2.70-4.90 62-181 days: 3.10-4.50 182 days-2 years: 3.90-5.30 >2-6 years: 4.00-5.20 >6 years: 3.90-5.25 Male RBC (millions/uL): 0-28 days: 3.00-5.40 28-61 days: 2.70-4.90 62-90 days: 3.10-4.50 91-181 days: 3.10-4.50 182 days-2 years: 3.90-5.30 >2-6 years: 4.00-5.20 >6 years: 4.30-5.90 RDW (%): 11.6-14.8 WBC (thousands/uL): 0-1 days: 9.0-34.0 2-28 days: 5.0-19.5 29-181 days: 6.0-17.5 >181 days: 4.0 - 10.0
1845	CBC W/O DIFFERENTIAL, CORD BLOOD	No reference ranges established

Laboratory Reference Ranges

Test ID	Order Code Name	Reference Range Information
28	CBC/without Differential	Basophil % and Number Count %: 0-2.0 Number Count (thousands/uL): 0-1 day: 0.0-0.7 >1 day: 0.0-0.2 Eosinophil % and Number Count%: 0-1 day: 0.0-3.0 >1 day: 0.0-8.0 Number Count (thousands/uL): 0-1 day: 0.0-2.0 >1 day: 0.0-0.6 Female Hemoglobin (gm/dL): 0-28 days: 10.0-18.0 29-61 days: 9.0-14.0 61-90 days: 9.5-13.5 91-181 days: 10.5-13.0 182 days-2 years: 11.5-13.0 >2-6 years: 11.5-15.0 >6 years: 12.0-15.0 Male Hemoglobin(gm/dL): 0-28 days: 10.0-18.0 29-61 days: 9.0-14.0 61-90 days: 9.5-13.5 91-181 days: 10.5-13.0 182 days-2 years: 11.5-13.0 >2-6 years: 11.0-15.0 >6 years: 13.0-17.0 Female Hematocrit (%): 0-28 days: 31.0-55.0 29-61 days: 28.0-42.0 62-90 days: 29.0-41.0

Laboratory Reference Ranges

Test ID	Order Code Name	Reference Range Information
	CBC/without Differential (cont'd)	91-181 days: 33.0-39.0 182 days-2 years: 34.0-40.0 >2-6 years: 35.0-45.0 >6 years: 36.0-45.0 Male Hematocrit: 0-28 days: 31.0-55.0 29-61 days: 28.0-42.0 62-90 days: 29.0-41.0 91-181 days: 33.0-39.0 182 days-2 years: 34.0-40.0 >2-6 years: 35.0-45.0 >6 years: 39.0-51.0 Lymphocyte % and Number Count %: 0-1 day: 25.0-46.0 2-29 days: 42.0-72.0 30 days-2 years: 35-65 >2 years-6 years: 15.0-50.0 >6 years: 12.0-40.0 Number Count (thousands/uL): 0-1 day: 2.5-10.5 2-29 days: 2.1-14.4 30 days-2 years: 2.1-11.0 >2-6 years: 1.0-4.0 >6 years: 1.0-4.0 MCH (uug): 0-28 days: 28.0-40.0 29-61 days: 26.0-34.0

Laboratory Reference Ranges

Test ID	Order Code Name	Reference Range Information
	CBC/without Differential (cont'd)	62-90 days: 25.0-35.0 91-181 days: 23.0-31.0 182 days-2 years: 24.0-30.0 >2-6 years: 27.0-34.0 >6 years: 27.0-33.0 MCHC (%): 32.5-36.5 MCV (fL): 0-28 days: 85.0-123.0 29-61 days: 77.0-115.0 62-90 days: 74.0-108.0 91-181 days: 70.0-86.0 182 days-2 years: 75.0-87.0 >2-6 years: 80.0-99.0 >6 years: 81.0-99.0 Monocyte % and Number Count %: 0-28 days: 3.0-10.0 29 days-6 years: 5.0-15.0 >6 years: 4.0-12.0 Number Count (thousands/uL): 0-28 days: 0.2-1.9 29 days-6 years: 0.2-1.0 >6 years: 0.1-0.7 Neutrophil % and Number Count %: 0-1 days: 32.0-62.0 2-28 days: 14.0-34.0 29 days-6 years: 34.0-73.0 >6 years: 40.0-74.0

Laboratory Reference Ranges

Test ID	Order Code Name	Reference Range Information
	CBC/without Differential (cont'd)	Number Count (thousands/uL): 0-1 days: 3.0-27.0 2-28 days: 0.8-9.0 29 days-6 years: 1.8-10.0 >6 years: 1.5-8.0 Platelets Count (thousands/uL: 150-400 Female RBC (millions/uL): 0-28 days: 3.00-5.40 29-61 days: 2.70-4.90 62-181 days: 3.10-4.50 182 days-2 years: 3.90-5.30 >2-6 years: 4.00-5.20 >6 years: 3.90-5.25 Male RBC (millions/uL): 0-28 days: 3.00-5.40 28-61 days: 2.70-4.90 62-90 days: 3.10-4.50 91-181 days: 3.10-4.50 182 days-2 years: 3.90-5.30 >2-6 years: 4.00-5.20 >6 years: 4.30-5.90 RDW (%): 11.6-14.8 WBC (thousands/uL): 0-1 days: 9.0-34.0 2-28 days: 5.0-19.5 29-181 days: 6.0-17.5 >181 days: 4.0 - 10.0

Laboratory Reference Ranges

Test ID	Order Code Name	Reference Range Information
6128	CBC/without Differential - Stroke	Female Hemoglobin (gm/dL): 0-28 days: 10.0-18.0 29-61 days: 9.0-14.0 61-90 days: 9.5-13.5 91-181 days: 10.5-13.0 182 days-2 years: 11.5-13.0 >2-6 years: 11.5-15.0 >6 years: 12.0-15.0 Male Hemoglobin (gm/dL): 0-28 days: 10.0-18.0 29-61 days: 9.0-14.0 61-90 days: 9.5-13.5 91-181 days: 10.5-13.0 182 days-2 years: 11.5-13.0 >2-6 years: 11.5-15.0 >6 years: 13.0-17.0 Female Hematocrit (%): 0-28 days: 31.0-55.0 29-61 days: 28.0-42.0 62-90 days: 29.0-41.0 91-181 days: 33.0-39.0 182 days-2 years: 34.0-40.0 >2-6 years: 35.0-45.0 >6 years: 36.0-45.0 Male Hematocrit (%): 0-28 days: 31.0-55.0 29-61 days: 28.0-42.0

Test ID	Order Code Name	Reference Range Information
	CBC/without Differential - Stroke (cont'd)	62-90 days: 29.0-41.0 91-181 days: 33.0-39.0 182 days-2 years: 34.0-40.0 >2-6 years: 35.0-45.0 >6 years: 39.0-51.0 MCH (uug): 0-28 days: 28.0-40.0 29-61 days: 26.0-34.0 62-90 days: 25.0-35.0 91-181 days: 23.0-31.0 182 days-2 years: 24.0-30.0 >2-6 years: 27.0-34.0 >6 years: 27.0-33.0 MCHC (%): 32.5-36.5 MCV (fL): 0-28 days: 85.0-123.0 29-61 days: 77.0-115.0 62-90 days: 74.0-108.0 91-181 days: 70.0-86.0 182 days-2 years: 75.0-87.0 >2-6 years: 80.0-99.0 >6 years: 81.0-99.0 Platelets Count (thousands/uL): 150-400 Female RBC (millions/uL): 0-28 days: 3.00-5.40 29-61 days: 2.70-4.90 62-181 days: 3.10-4.50
	CBC/without Differential - Stroke (cont'd)	182 days-2 years: 3.90-5.30 >2-6 years: 4.0-5.20 >6 years: 3.90-5.25 Male RBC (millions/uL): 0-28 days: 3.00-5.40 28-61 days: 2.70-4.90 62-90 days: 3.10-4.50 91-181 days: 3.10-4.50 182 days-2 years: 3.90-5.30 >2-6 years: 4.00-5.20 >6 years: 4.30-5.90 RDW (%): 11.6-14.8 WBC (thousands/uL) 0-1 days: 9.0-34.0 2-28 days: 5.0-19.5 29-181 days: 6.0-17.5 >181 days: 4.0 - 10.0
1730	CD19 B Cell Count	CD19%: 2 - 23% CD 19 Number: 18 - 506 cells/uL
2001	CD20 B Cell Count	CD20% Relative 2-8 CD20 # Absolute 24-612

Laboratory Reference Ranges

Test ID	Order Code Name	Reference Range Information																											
4395	CD34 Stem Cell Count	See written Pathology report.																											
4711	CD4 T Lymphocyte Count	CD4%: 35-58 CD4 number: 420-1972 cells/mm3																											
4613	CD4/CD8 Panel	CD4%: 35-58 CD4 number: 420-1972 cells/mm3 CD8%: 16-32 CD8 number: 192-1088 cells/mm3																											
1679	CEA (Roche) - Carcinoembryonic Antigen	Non-Smokers: 0.0-5.0 ng/mL Smokers: 0.0 - 10.0 ng/mL																											
2516	Celiac Disease Comprehensive Cascade	An interpretative report will be provided.																											
2513	Celiac Disease Serology Cascade																												
670	Cell Count/Differential, Body Fluid	None established.																											
6131	Cell Count/Differential, CSF	Appearance: clear Color: colorless RBC 0-33 days: 0-675/mm3 >33 days: 0-10/mm3 Nucleated cells 0-1 year: 0-30/mm3 1-4 years: 0-20/mm3 4-13 years: 0-10/mm3 >=13 years: 0-8/mm3 Segmented neutrophils Newborn: 0.8% Adult: 0.6% Lymphocytes Newborn: 5-35% Adult: 40-80% Monocytes Newborn: 50-90% Adult: 15-45% Lining Cells (Mesothelial, Ependymal): rare																											
2398	Childhood Allergen Panel	<table> <tr> <th>IgE kU/L</th><th>Class</th><th>Interpretation</th></tr> <tr> <td><0.10</td><td>Class 0</td><td>Negative</td></tr> <tr> <td>0.10 - 0.34</td><td>Class 0/1</td><td>Equivocal/Borderline</td></tr> <tr> <td>0.35 - 0.69</td><td>Class 1</td><td>Equivocal</td></tr> <tr> <td>0.70 - 3.49</td><td>Class 2</td><td>Positive</td></tr> <tr> <td>3.50 - 17.49</td><td>Class 3</td><td>Positive</td></tr> <tr> <td>17.50 - 49.99</td><td>Class 4</td><td>Strongly Positive</td></tr> <tr> <td>50.00 - 99.99</td><td>Class 5</td><td>Strongly Positive</td></tr> <tr> <td>>=100.00</td><td>Class 6</td><td>Strongly Positive</td></tr> </table>	IgE kU/L	Class	Interpretation	<0.10	Class 0	Negative	0.10 - 0.34	Class 0/1	Equivocal/Borderline	0.35 - 0.69	Class 1	Equivocal	0.70 - 3.49	Class 2	Positive	3.50 - 17.49	Class 3	Positive	17.50 - 49.99	Class 4	Strongly Positive	50.00 - 99.99	Class 5	Strongly Positive	>=100.00	Class 6	Strongly Positive
IgE kU/L	Class	Interpretation																											
<0.10	Class 0	Negative																											
0.10 - 0.34	Class 0/1	Equivocal/Borderline																											
0.35 - 0.69	Class 1	Equivocal																											
0.70 - 3.49	Class 2	Positive																											
3.50 - 17.49	Class 3	Positive																											
17.50 - 49.99	Class 4	Strongly Positive																											
50.00 - 99.99	Class 5	Strongly Positive																											
>=100.00	Class 6	Strongly Positive																											
1114	Chlamydia/GC by PCR	Chlamydia trachomatis: Not Detected Neisseria gonorrhoeae: Not Detected																											

Test ID	Order Code Name	Reference Range Information
504	Chloride	98-108 mEq/L Chloride is the major extracellular anion. When combined with other electrolytes, chloride can give an indication of acid-base balance and hydrational status. Hypochloremia and hyperchloremia rarely occur alone and are usually part of parallel shifts in sodium and/or bicarbonate levels.
524	Chloride, CSF	120-135 meq/L
5924	Chloride, Fluid	None established
5433	Chloride, Urine Random	None established
5504	Chloride, Urine Timed	110-250 meq/24 hours
519	Cholesterol	Female (mg/dL) 0 - 14 days: 48 - 125 15 days - <1 year: 66 - 235 1 - <19 years: 113 - 207 >=19 years: 120 - 200 Male (mg/dL) 0 - 14 days: 45 - 110 15 days - <1 year: 66 - 235 1 - <19 years: 113 - 207 >=19 years: 120 - 200
5939	Cholesterol, Fluid	None established
6030	Circulating Anticoagulant Screen	See written Pathology report.
516	CK (CPK)	Female: 0-175 U/L Male: 0-345 U/L CK is an enzyme found in the heart and skeletal muscle and in low concentrations in brain tissue. Due to its distribution in both heart and skeletal muscle, an elevated value requires additional diagnostic information for interpretation of the elevation. Three forms (isoenzymes) of CK can be measured in the blood. One of the isoenzymes (CKMB) has a greater specificity for cardiac muscle and is used as a marker myocardial muscle damage.
5936	CK (CPK), Fluid	None established
5834	CK-MB	Female: 0.0 - 3.8 ng/mL Male: 0.0 - 6.7 ng/mL CRITICAL VALUES: Female: >3.8 ng/mL; Male: >6.7 ng/mL CK-MB is one of three forms (isoenzymes) of the enzyme CK. CK-MB is found primarily in cardiac muscle and is used as a marker of irreversible myocardial muscle damage. Troponin (I or T) has replaced CK-MB due to the greater sensitivity of the Troponin assays.
4086	CMV Antibodies (IgG)	<=0.8 AI: Negative 0.9 - 1.0 AI: Equivocal >=1.1: Positive
2951	CMV Antibodies (IgM)	<=0.8 AI: Negative 0.9 - 1.0 AI: Equivocal >=1.1: Positive

Laboratory Reference Ranges

Test ID	Order Code Name	Reference Range Information
4089	CMV Antibody Panel (IgG/IgM)	CMV IgG: <=0.8 AI: Negative 0.9 - 1.0 AI: Equivocal >=1.1: Positive CMV IgM <=0.8 AI: Negative 0.9 - 1.0 AI: Equivocal >=1.1: Positive
1148	CMV DNA Detection and Quantitation by PCR	Undetected The quantification range of this assay is 500 to 3,000,000 IU/mL. Titers above or below this range will not be accurately quantitated. This result was obtained by PCR amplification and analysis by fluorescence hybridization designed to detect a target sequence of the CMV genome. This test has not been cleared or approved by U.S. Food and Drug Administration. The FDA has determined that such clearance or approval is not necessary. The performance characteristics have been determined by the Molecular Pathology Laboratory at Evanston Hospital.
1128	CMV DNA Detection by PCR, Qualitative	Negative
8062	CMV DNA Detection by PCR, Blood, Qualitative	Negative This test was developed and its performance characteristics determined by the NorthShore University HealthSystem Molecular Diagnostics Laboratory. It has not been cleared or approved by the U.S. Food and Drug Administration.
MECCO	CO A Gene Testing	CO A Negative This test was developed and its performance characteristics determined by the Evanston Hospital Molecular Diagnostics Laboratory. It has not been cleared or approved by the U.S. Food and Drug Administration.
5982	Cocaine Screen	Negative
5006	Comprehensive Metabolic Panel	See individual tests in panel.
1743	Comprehensive Metabolic Panel - Kellogg Cancer Care Only	See individual tests in panel.
598	Comprehensive Metabolic Panel, Fluid	See individual tests in panel.
9860	CORD BLOOD WORKUP AUTOMATED	
1413	Cortisol, AM	AM sample (6 - 10 AM) 6.0-18.4 ug/dL PM sample (4 - 8 PM) 2.7 - 10.5 ug/dL
2947	Cortisol, Inferior Vena Cava	
2945	Cortisol, Left Adrenal Vein	
2944	Cortisol, Peripheral	
1414	Cortisol, PM	AM sample (6 - 10 AM) 6.0-18.4 ug/dL PM sample (4 - 8 PM) 2.7 - 10.5 ug/dL
5075	Cortisol, Random	AM sample (6 - 10 AM) 6.0-18.4 ug/dL PM sample (4 - 8 PM) 2.7 - 10.5 ug/dL

Test ID	Order Code Name	Reference Range Information
2946	Cortisol, Right Adrenal Vein	
2890	COVID-19 CORONAVIRUS PCR	Not Detected
6694	COVID-19 CORONAVIRUS PCR, NO INDICATION	Not Detected
6699	COVID-19 INFLU A/B LIAT PCR ASSAY	Not Detected
6697	COVID-19 INFLU A/B LIAT PCR ASSAY, NO IND	Not Detected
9700	COVID-19 INFLU A/B RSV PCR ASSAY	Not Detected
5063	C-Peptide, BI	0.78-1.89 ng/mL
5566	Creatinine Clearance	70-160 mL/minute
2568	Creatinine Clearance with Body Surface Area (BSA) Correction	70-135 mL/minute
507	Creatinine with estimated GFR	Newborn: 0.2-0.9 mg/dL 2 months - <3 years: 0.2-0.4 mg/dL 3 - <5 years: 0.3-0.5 mg/dL 5 - <9 years: 0.4-0.6 mg/dL 9 - <11 years: 0.4-0.7 mg/dL 11 - <13 years: 0.5-0.8 mg/dL 13 - <15 years: 0.6-0.9 mg/dL ≥15 years, Female: 0.5-0.9 mg/dL ≥15 years, Male: 0.7-1.2 mg/dL Creatinine is a catabolic product of creatine phosphate, which is used in skeletal muscle contraction. Creatinine is excreted by the kidneys with very little to no reabsorption from the forming urine. Its blood concentration is therefore used with the urine creatinine value to estimate the glomerular filtration rate (creatinine clearance). Drugs that increase Creatinine values include aminoglycosides, cimetidine, heavy-metal chemotherapeutic agents, and other nephrotoxic drugs such as cephalosporins.
5927	Creatinine, Fluid	None established
527	Creatinine, Urine Timed	600-2000 mg/24 hours
5114	Creatinine, Urine, Random	None established
4018	CRP (C-Reactive Protein)	<5.0 mg/L This test is used to monitor and assess inflammatory disease.
5054	CRP (C-Reactive Protein), High Sensitivity	Cardiac Risk: <1.0 mg/L: Low Risk 1.0-3.0 mg/L: Average Risk >3.0 mg/L: High Risk Risk assessment based on the AHA/CDC scientific statement on markers of inflammation and cardiovascular disease (Circulation 2003, 107(3);499-511)
1723	Cryptococcus Antigen Screen with Titer, Serum	Negative

Laboratory Reference Ranges

Test ID	Order Code Name	Reference Range Information
1722	Cryptococcus Antigen Screen with Titer, Spinal Fluid	Negative
672	Crystal Analysis	No crystals seen.
9755	CULTURE H. PYLORI	NEGATIVE
31	Culture, Acid Fast (AFB)	No growth of organisms
34	Culture, Aerobic	No growth of organisms
35	Culture, Aerobic/Anaerobic	No growth of organisms
3410	Culture, AFB/Fungus, Blood	No growth of organisms
32	Culture, Bacterial, Urine	No growth (lowest limit of detection 1,000 CFU/mL)
2703	Culture, Bacterial, Urine - Urology Use Only	No growth (lowest limit of detection 1,000 CFU/mL)
300	Culture, Blood CVC/PICC	No growth of organisms
301	Culture, Blood Venipuncture	
303	Culture, Blood Venipuncture - Site 2	
3317	Culture, Bronchoscopy	No growth of organisms
39	Culture, Catheter tip	Negative Growth of <15 CFU suggests contamination. Growth of ≥15 CFU suggests true infection.
3703	Culture, CSF	No growth
381	Culture, Fungus, Comprehensive	No growth of fungus
380	Culture, Fungus, Skin Only	Negative
37	Culture, GC Screen	Negative
77	Culture, Genital	Negative or mixed flora
3160	CULTURE, GROUP B STREP, PRENATAL SCREEN	Negative
3702	Culture, Nasal	No growth or mixed respiratory flora
9866	CULTURE, RECTAL GROUP A STREPTOCOCCI	NEGATIVE
2771	Culture, Rectal, Pre-Prostate Biopsy	No growth
3521	Culture, Respiratory, Cystic Fibrosis	Negative
393	Culture, Throat Strep (only)	Negative
3514	Culture, Yeast, Vaginal/Oral	Negative
4660	Cyclic Citrullinated Peptide Antibodies (Anti-CCP Antibodies)	<=3.0 U/mL: Negative >3.0 U/mL: Positive

Test ID	Order Code Name	Reference Range Information
9548	Cystic Fibrosis Screening (Sweat Test)	Newborn Screening <30 mmol/L: Normal 30-60 mmol/L: Borderline >60 mmol/L: Consistent with the diagnosis of Cystic Fibrosis All Others < 40 mmol/L: Normal 40-60 mmol/L: Borderline >60 mmol/L: Consistent with the diagnosis of Cystic Fibrosis
9856	DAT POLY AUTOMATED	Negative The DAT is intended to detect in vivo sensitization of RBCs by blood group alloantibodies and/or autoantibodies or by drug-related antibodies. The former include antibodies causing hemolytic transfusion reactions or hemolytic disease of the newborn, or passively administered antibodies (e.g. group A individuals who received group O platelets). Warm autoantibodies typically yield a positive eluate, while cold autoantibodies cause sensitization by complement alone (eluate negative). Drug-related antibodies will not be sought unless clinically indicated. Most autoantibodies detected, both warm- and cold-reacting, are clinically insignificant; the diagnosis of autoimmune hemolytic anemia requires concurrent demonstration of hemolysis. Polyclonal hypergammaglobulinemia may cause a positive DAT with monospecific anti-IgG but yields a negative eluate.
2272	D-Dimer Assay	0.00 - 0.50 mg/L (FEU) Elevated D-Dimer levels may be observed in disorders associated with increased coagulation activation such as thromboembolic disease and DIC. Values ≤ 0.50 mg/L (FEU) might help to exclude pulmonary embolism (PE) or deep vein thrombosis (DVT) in patients with low clinical risk. The negative predictive value (NPV) and sensitivity of this test are 98% and 97% respectively. The result of this test should be used in conjunction with the clinical picture and other commonly utilized tests or algorithms. This test is not specific (42% specificity) for DVT or PE and therefore should not be used as a sole confirmatory marker. If there is a strong suspicion for a thromboembolic disorder, additional testing should be performed.
9988305	Derm/Skin Pathology	
629	DIC Panel	See individual assays.

Test ID	Order Code Name	Reference Range Information
59	Differential, Manual	Basophil % and Number Count % 0-2.0 Number Count (thousands/uL) 0-1 day: 0.0-0.7 >1 day: 0.0-0.2 Eosinophil % and Number Count % 0-1 day: 0.0-3.0 >1 day: 0.0-8.0 Number Count (thousands/uL) 0-1 day: 0.0-2.0 >1 day: 0.0-0.6 Lymphocyte % and Number Count % 0-1 day: 25.0-46.0 2-29 days: 42.0-72.0 30 days-2 years: 35-65 >2 years-6 years: 15.0-50.0 >6 years: 12.0-40.0 Number Count (thousands/uL) 0-1 day: 2.5-10.5 2-29 days: 2.1-14.4 30 days-2 years: 2.1-11.0 >2-6 years: 1.0-4.0 >6 years: 1.0-4.0 Monocyte % and Number Count
580	Digoxin	0.5-2.0 ug/L CRITICAL VALUES: >2.5 ug/L
5908	Drug Abuse Screen, Urine 6 Drug Panel W/ Confirmation	Negative
9602	Drug Abuse Screen, Urine 6 Drug Panel W/O Confirmation	Negative
5911	Drug Abuse Screen, Urine 8 Drug Panel W/ Confirmation	None detected
9601	Drug Abuse Screen, Urine 8 Drug Panel W/O Confirmation	None detected

Test ID	Order Code Name	Reference Range Information		
1619	Egg Allergy Component Panel	IgE kU/L	Class	Interpretation
		<0.10	Class 0	Negative
		0.10 - 0.34	Class 0/1	Equivocal/Borderline
		0.35 - 0.69	Class 1	Equivocal
		0.70 - 3.49	Class 2	Positive
		3.50 - 17.49	Class 3	Positive
		17.50 - 49.99	Class 4	Strongly Positive
		50.00 - 99.99	Class 5	Strongly Positive
		>=100.00	Class 6	Strongly Positive
21	Electrolyte Panel	Sodium 133-145 mEq/L CRITICAL VALUES: <120 or >160 mEq/L Potassium 0-3 months: 4.0-6.2 meq/L 3 months-12 years: 3.4-4.7 meq/L >12 years: 3.5-5.3 meq/L CRITICAL VALUES: Newborn (<=2 months): <3.0 or >7.0 mEq/L >2 months of age: <3.0 or >6.0 mEq/L Chloride 98-108 mEq/L CO2 22-29 mEq/L CRITICAL VALUES: <10 mEq/L		
9550	Electrolytes, Urine Random	None established		
5500	Electrolytes, Urine Timed	Sodium: 40-200 meq/24 hours Potassium: 25-120 meq/24 hours Chloride: 110-250 meq/24 hours		
1919	Enteric PCR Panel	Negative		
6150	Eosinophils, Urine	None seen		
4487	Epithelia Allergen Panel 1	IgE kU/L	Class	Interpretation
		<0.10	Class 0	Negative
		0.10 - 0.34	Class 0/1	Equivocal/Borderline
		0.35 - 0.69	Class 1	Equivocal
		0.70 - 3.49	Class 2	Positive
		3.50 - 17.49	Class 3	Positive
		17.50 - 49.99	Class 4	Strongly Positive
		50.00 - 99.99	Class 5	Strongly Positive
		>=100.00	Class 6	Strongly Positive

Test ID	Order Code Name	Reference Range Information
4799	Epithelia Allergen Panel 2	IgE kU/L Class Interpretation <0.10 Class 0 Negative 0.10 - 0.34 Class 0/1 Equivocal/Borderline 0.35 - 0.69 Class 1 Equivocal 0.70 - 3.49 Class 2 Positive 3.50 - 17.49 Class 3 Positive 17.50 - 49.99 Class 4 Strongly Positive 50.00 - 99.99 Class 5 Strongly Positive ≥100.00 Class 6 Strongly Positive
2354	Epstein-Barr Virus Panel	Negative Provides information about present vs. past infection. In most populations, at least 90% of the adult population has been infected with EBV at sometime in the past and therefore will have measurable anti-VCA IgG and anti-EBNA. Antibodies to EBNA develop 6-8 weeks after primary infection and persist for life. Presence of anti-VCA IgM, especially in the absence of anti-EBNA, is consistent with recent primary infection with EBV.
5554	Estradiol	95th percentile Female Follicular: 26.7-156 pg/mL Ovulatory: 48.1-314 pg/mL Luteal: 33.1-298 pg/mL Post Menopausal: <5 - 49.9 pg/mL 1st Trimester: 154 - 3,065 pg/mL 2nd Trimester: 1,561 - 18,950 pg/mL 3rd Trimester: 10,030 - 30,000 pg/mL Male: 27.1 - 52.2 pg/mL
5260	Ethanol	<20 mg/dL
9920144-C	Exfoliative Cytology	See written Pathology report.
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9920144-C	Exfoliative Cytology	See written Pathology report.
9920144-C	Exfoliative Cytology	See written Pathology report.
9920144-C	Exfoliative Cytology	No viral inclusion bodies identified.
9920144-C	Exfoliative Cytology	
9920144-C	Exfoliative Cytology	See written Pathology report.
6002	Factor II Assay	73-141% activity
6009	Factor IX Assay	53-169% activity

Test ID	Order Code Name	Reference Range Information		
6005	Factor V Assay	61-125% activity		
1056	Factor V Mutation (Leiden) by PCR	Mutation absent (Homozygous normal) This test was developed and its performance characteristics determined by the Evanston Hospital Molecular Diagnostics Laboratory. It has not been cleared or approved by the U.S. Food and Drug Administration.		
6007	Factor VII Assay	68-164% activity		
6008	Factor VIII Assay	50-150% activity		
6010	Factor X Assay	59-151% activity		
6011	Factor XI Assay	68-148% activity		
6012	Factor XII Assay	62-162% activity		
6013	Factor XIII Assay	Normal FSF Activity Abnormal results imply a profound deficiency of Factor XIII (<1%). Deficiency may be associated with delayed wound healing. This test is used to evaluate bleeding disorders due to homozygous deficiency of Factor XIII.		
5073	Ferritin	Male: 24-336 ng/mL Female: 11-306 ng/mL		
547	Fetal Fibronectin	Negative: Delivery in the next 7 days unlikely. Positive: Delivery in near future likely.		
604	Fibrinogen	At Evanston Hospital: 200-400 mg/dL At Glenbrook Hospital: 200-400 mg/dL At Highland Park Hospital: 173-417 mg/dL At Skokie Hospital: 208-405 mg/dL CRITICAL VALUES: For PAT samples only: <173 mg/dL This test is used to identify congenital and acquired afibrinogenemia and hypofibrinogenemia, DIC, Fibrinolytic activity, liver disease, etc. Increased levels may be seen with inflammation, pregnancy, neoplastic disease, and in women taking oral contraceptives. Fibrinogen levels will be decreased in afibrinogenemia, hypofibrinogenemia, DIC, liver disease, and fibrinolytic activities.		
9813	FISH Prenatal Panel	2 DNA signals for chromosomes 13, 18 and 21 plus 2 signals for X or 1 signal for X and 1 signal for Y		
9920147-6	FNA Cytology	See written Pathology report.		
9920147-C	FNA Cytology	See written Pathology report.		
5213	Folate	>7.3 ng/mL		
4544	Food Allergen Panel	IgE kU/L	Class	Interpretation
		<0.10	Class 0	Negative
		0.10 - 0.34	Class 0/1	Equivocal/Borderline
		0.35 - 0.69	Class 1	Equivocal
		0.70 - 3.49	Class 2	Positive
		3.50 - 17.49	Class 3	Positive
		17.50 - 49.99	Class 4	Strongly Positive
		50.00 - 99.99	Class 5	Strongly Positive
		>=100.00	Class 6	Strongly Positive
5483	Fosphenytoin (Cerebyx)	10-20 mg/L		

Test ID	Order Code Name	Reference Range Information		
4524	Fruit Allergen Panel	IgE kU/L	Class	Interpretation
		<0.10	Class 0	Negative
		0.10 - 0.34	Class 0/1	Equivocal/Borderline
		0.35 - 0.69	Class 1	Equivocal
		0.70 - 3.49	Class 2	Positive
		3.50 - 17.49	Class 3	Positive
		17.50 - 49.99	Class 4	Strongly Positive
		50.00 - 99.99	Class 5	Strongly Positive
		>=100.00	Class 6	Strongly Positive
5231	FSH	Male: 1.5-12.4 mIU/mL Female Follicular: 3.5-12.5 mIU/mL Ovulatory: 4.7-21.5 mIU/mL Luteal: 1.7-7.7 mIU/mL Post Menopausal: 25.8-134.8 mIU/mL		
326	Fungal Smear	Negative for fungal elements		
5901	General Health Panel	See individual tests in panel.		
1924	Genetic Blood Collection - Ambry	See report		
1922	Genetic Blood Collection - Invitae	See Report		
127	Gentamicin, 18 Hours Post Dose	None established		
125	Gentamicin, Peak	4-10 ug/mL		
134	Gentamicin, Random	0-10 ug/mL		
126	Gentamicin, Trough	<2 ug/mL		
64	Giardia & Cryptosporidium Antigen Detection	Negative		
4113	Gliadin (Deamidated) Ab Panel, IgG and IgA	Deamidated IgG Negative: <15.0 U/mL Positive: >15.0 U/mL Deamidated IgA Negative: <15.0 U/mL Positive: >15.0 U/mL		
2511	Gliadin (Deamidated) Antibody, IgA	Negative: <15.0 U/mL Positive: >15.0 U/mL		
2512	Gliadin (Deamidated) Antibody, IgG	Negative: <15.0 U/mL Positive: >15.0 U/mL		
4925	Glomerular Basement Membrane (GBM) Antibodies, IgG	Negative: <1.0 AI Positive: >=1.0 AI		

Test ID	Order Code Name	Reference Range Information
501	Glucose	60-99 mg/dL CRITICAL VALUES Newborn (<2 months): <30 or >300 mg/dL Adults: <50 or >400 mg/dL The American Diabetes Association has issued the following guidelines concerning the interpretation of a fasting glucose test (Diabetes Care 2004, Volume 27, Supplement 1, pages S5-S14): <100 mg/dL: Normal 110-125 mg/dL: Impaired Fasting Glucose (IFG) >=126 mg/dL: Provisional diagnosis for Diabetes Mellitus
5425	Glucose 2 Hour Tolerance	The American Diabetes Association has issued the following diagnostic criteria for Diabetes Mellitus (Diabetes Care 2004, Volume 27 Supplement 1, pages S5-S14). For a fasting sample <100 mg/dl: Normal 100-125 mg/dl: Impaired fasting glucose (IFG) >125 mg/dl: Provisional diagnosis of Diabetes Mellitus For the Oral Glucose Tolerance Test in non-pregnant adults following a 75-gram glucose load (1.75 grams/kg of glucose to a maximum of 75 grams in children) at 2 hours <140 mg/dl: Normal 140-199 mg/dl: Impaired glucose tolerance (IGT) >199 mg/dl: Provisional diagnosis of Diabetes Mellitus A provisional diagnosis of Diabetes Mellitus must be confirmed by a second blood test that is consistent with the diagnosis.
5385	Glucose 3 Hour OB Tolerance	The American Diabetes Association has issued the following diagnostic criteria for Diabetes Mellitus (Diabetes Care 2004, Vol 27 Supplement 1, pages S5-S14). When a 100-gram glucose load is used in an evaluation for Gestational Diabetes Mellitus (GDM), the diagnosis is made if 2 or more of the 4 following values are met or exceeded: Fasting (Gestational Reference Range): 95 mg/dL 1 hour (Gestational Reference Range): 180 mg/dL 2 hour (Gestational Reference Range): 155 mg/dL 3 hour (Gestational Reference Range): 140 mg/dL

Test ID	Order Code Name	Reference Range Information																											
525	Glucose Tolerance	The American Diabetes Association has issued the following diagnostic criteria for Diabetes Mellitus (Diabetes Care 2004, Volume 27 Supplement 1, pages S5-S14). For a fasting sample <100 mg/dL: Normal 100-125 mg/dL: Impaired Fasting Glucose (IFG) >125 mg/dL: Provisional Diagnosis of Diabetes Mellitus For the Oral Glucose Tolerance Test in non-pregnant adults following a 75-gram glucose load (1.75 grams/kg of glucose to a maximum of 75 grams in children) at 2 hours <140 mg/dL: Normal 140-199 mg/dL: Impaired Glucose Tolerance (IGT) >199 mg/dL: Provisional Diagnosis of Diabetes Mellitus A provisional diagnosis of Diabetes Mellitus must be confirmed by a second blood test that is consistent with the diagnosis.																											
5031	Glucose, 1 Hour OB (PP)	60-139 mg/dL																											
5431	Glucose, 1 Hour Post Meal	60-139 mg/dL																											
5318	Glucose, 2 Hour Post Meal	<140 mg/dL: Normal 140-199 mg/dL: Impaired Glucose Tolerance (IGT) >=200 mg/dL: Provisional Diagnosis of Diabetes Mellitus																											
531	Glucose, 2 Hour PP	<140 mg/dL: Normal 140-199 mg/dL: Impaired Glucose Tolerance (IGT) >=200 mg/dL: Provisional diagnosis of Diabetes Mellitus																											
521	Glucose, CSF	40-80 mg/dL CRITICAL VALUES: <20 or >300 mg/dL																											
5921	Glucose, Fluid	None established																											
4541	Grain Allergen Panel	<table> <tr> <th>IgE kU/L</th><th>Class</th><th>Interpretation</th></tr> <tr> <td><0.10</td><td>Class 0</td><td>Negative</td></tr> <tr> <td>0.10 - 0.34</td><td>Class 0/1</td><td>Equivocal/Borderline</td></tr> <tr> <td>0.35 - 0.69</td><td>Class 1</td><td>Equivocal</td></tr> <tr> <td>0.70 - 3.49</td><td>Class 2</td><td>Positive</td></tr> <tr> <td>3.50 - 17.49</td><td>Class 3</td><td>Positive</td></tr> <tr> <td>17.50 - 49.99</td><td>Class 4</td><td>Strongly Positive</td></tr> <tr> <td>50.00 - 99.99</td><td>Class 5</td><td>Strongly Positive</td></tr> <tr> <td>>=100.00</td><td>Class 6</td><td>Strongly Positive</td></tr> </table>	IgE kU/L	Class	Interpretation	<0.10	Class 0	Negative	0.10 - 0.34	Class 0/1	Equivocal/Borderline	0.35 - 0.69	Class 1	Equivocal	0.70 - 3.49	Class 2	Positive	3.50 - 17.49	Class 3	Positive	17.50 - 49.99	Class 4	Strongly Positive	50.00 - 99.99	Class 5	Strongly Positive	>=100.00	Class 6	Strongly Positive
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327	Gram Stain Only	Negative																											
4367	Grass Allergen Panel 1	<table> <tr> <th>IgE kU/L</th><th>Class</th><th>Interpretation</th></tr> <tr> <td><0.10</td><td>Class 0</td><td>Negative</td></tr> <tr> <td>0.10 - 0.34</td><td>Class 0/1</td><td>Equivocal/Borderline</td></tr> <tr> <td>0.35 - 0.69</td><td>Class 1</td><td>Equivocal</td></tr> <tr> <td>0.70 - 3.49</td><td>Class 2</td><td>Positive</td></tr> <tr> <td>3.50 - 17.49</td><td>Class 3</td><td>Positive</td></tr> <tr> <td>17.50 - 49.99</td><td>Class 4</td><td>Strongly Positive</td></tr> <tr> <td>50.00 - 99.99</td><td>Class 5</td><td>Strongly Positive</td></tr> <tr> <td>>=100.00</td><td>Class 6</td><td>Strongly Positive</td></tr> </table>	IgE kU/L	Class	Interpretation	<0.10	Class 0	Negative	0.10 - 0.34	Class 0/1	Equivocal/Borderline	0.35 - 0.69	Class 1	Equivocal	0.70 - 3.49	Class 2	Positive	3.50 - 17.49	Class 3	Positive	17.50 - 49.99	Class 4	Strongly Positive	50.00 - 99.99	Class 5	Strongly Positive	>=100.00	Class 6	Strongly Positive
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9920146-T	Gyn Cytology	Negative: The pap smear is a screening test designed to aid in the detection of premalignant and malignant conditions of the uterine cervix. It is not a diagnostic procedure and should not be used as the sole means of detecting cervical cancer.																											

Test ID	Order Code Name	Reference Range Information																											
9920146-T	Gyn Cytology	Negative: The pap smear is a screening test designed to aid in the detection of premalignant and malignant conditions of the uterine cervix. It is not a diagnostic procedure and should not be used as the sole means of detecting cervical cancer.																											
4788	Haptoglobin	0 - 14 days: <1 md/dL 15 days - <1 year: <20 mg/dL 1 - <12 years: <15 mg/dL ≥12 years: 16 - 200 mg/dL																											
1893	Hazelnut Allergy Component Panel	<table> <tr> <th>IgE kU/L</th><th>Class</th><th>Interpretation</th></tr> <tr> <td><0.10</td><td>Class 0</td><td>Negative</td></tr> <tr> <td>0.10 - 0.34</td><td>Class 0/1</td><td>Equivocal/Borderline</td></tr> <tr> <td>0.35 - 0.69</td><td>Class 1</td><td>Equivocal</td></tr> <tr> <td>0.70 - 3.49</td><td>Class 2</td><td>Positive</td></tr> <tr> <td>3.50 - 17.49</td><td>Class 3</td><td>Positive</td></tr> <tr> <td>17.50 - 49.99</td><td>Class 4</td><td>Strongly Positive</td></tr> <tr> <td>50.00 - 99.99</td><td>Class 5</td><td>Strongly Positive</td></tr> <tr> <td>≥100.00</td><td>Class 6</td><td>Strongly Positive</td></tr> </table>	IgE kU/L	Class	Interpretation	<0.10	Class 0	Negative	0.10 - 0.34	Class 0/1	Equivocal/Borderline	0.35 - 0.69	Class 1	Equivocal	0.70 - 3.49	Class 2	Positive	3.50 - 17.49	Class 3	Positive	17.50 - 49.99	Class 4	Strongly Positive	50.00 - 99.99	Class 5	Strongly Positive	≥100.00	Class 6	Strongly Positive
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5267	HCG - Tumor Marker	Male: <2 mIU/mL Female Premenopausal, nonpregnant: <1.0 mIU/L Postmenopausal: <7.0 mIU/L																											
523	HDL Cholesterol	≥40 mg/dL																											
5632	Helicobacter pylori Stool Antigen	Negative																											
656	Hematocrit	Female (%) 0-28 days: 31.0-55.0 29-61 days: 28.0-42.0 62-90 days: 29.0-41.0 91-181 days: 33.0-39.0 182 days-2 years: 34.0-40.0 >2-6 years: 35.0-45.0 >6 years: 36.0-45.0 Male (%) 0-28 days: 31.0-55.0 29-61 days: 28.0-42.0 62-90 days: 29.0-41.0 91-181 days: 33.0-39.0 182 days-2 years: 34.0-40.0 >2-6 years: 35.0-45.0 >6 years: 39.0-51.0 CRITICAL VALUES Age ≤28 days: <25 or >70% Age >28 days: <21 or >60% PAT/ASU samples: <30 or >60%																											
614	Hematocrit, Fluid	0																											

Test ID	Order Code Name	Reference Range Information
657	Hemoglobin	Female (gm/dL) 0-28 days: 10.0-18.0 29-61 days: 9.0-14.0 61-90 days: 9.5-13.5 91-181 days: 10.5-13.0 182 days-2 years: 11.5-13.0 >2-6 years: 11.5-15.0 >6 years: 12.0-15.0 Male (gm/dL) 0-28 days: 10.0-18.0 29-61 days: 9.0-14.0 61-90 days: 9.5-13.5 91-181 days: 10.5-13.0 182 days-2 years: 11.5-13.0 >2-6 years: 11.5-15.0 >6 years: 13.0-17.0 CRITICAL VALUES Age <=28 days: <8.0 or >23.0 gm/dL Age >28 days: <7.0 or >20.0 gm/dL PAT/ASU samples: <10.0 or >20.0 gm/dL
5646	Hemoglobin A1c (Glycated Hemoglobin) with Estimated Average Glucose (eAG)	4.0 - 5.6% of total hemoglobin As per American Diabetes Association recommendations the Hemoglobin A1c value will be reported along with the estimated Average Glucose (eAG). This value is calculated using the regression equation $eAG = (28.7 \times \text{Hgb A1c}) - 46.7$. The American Diabetes Association recommends a target value for Hemoglobin A1c of <7.0% for the diabetic patient. Hemoglobin A1c values of >8% should prompt a reevaluation of the patient's treatment plan. When using Hemoglobin A1c as a diagnostic tool for the detection of diabetes the interpretive guidelines recommended by the American Diabetes Association are as follows: Hemoglobin A1c of 5.7 - 6.4%: increased risk of diabetes Hemoglobin A1c of $\geq 6.5\%$: diagnostic for diabetes In the absence of unequivocal hyperglycemia, the diagnosis of diabetes based on a Hemoglobin A1c level should be confirmed by repeat testing. Based on 2016 American Diabetes Association recommendations.
1303	Hep B Virus DNA Detection, Quant	Not detected. This assay has a reportable quantitative range of 10 to 1,000,000,000 IU/mL (1.0 to 9.0 log IU/mL). Titers above or below this range will not be accurately quantitated.
5004	Hepatic Panel	See individual tests in panel.

Test ID	Order Code Name	Reference Range Information
4129	Hepatitis A Ab, Total	Negative Hepatitis A-total does not distinguish between Hepatitis A- IgM and Hepatitis A- IgG. If this test is ordered to determine whether the patient is immune to Hepatitis A virus, either as a result of past infection or immunization, a positive result requires no further testing. If, however, the test is done in the context of acute infection, a Hepatitis A IgM test should be ordered if the Hepatitis A total test is positive.
422	Hepatitis A Ab, IgM	Negative Diagnostic test for acute Hepatitis A infection
4024	Hepatitis B Core Ab, IgM	Negative Part of diagnostic workup for acute Hepatitis B virus infection.
4161	Hepatitis B Core Ab, Total	Negative
420	Hepatitis B Surface Ab	Negative May be Positive as a result of immunization or past infection. Useful in the diagnosis of acute or chronic Hepatitis B infection. The accepted criterion for immunity to HBV is ≥ 10 mIU/mL of anti-HBs, with mIU defined by the WHO Reference Preparation.
421	Hepatitis B Surface Ag	Negative Useful in the diagnosis of acute or chronic hepatitis B virus infection.
1333	Hepatitis C (HCV) RNA Detection, Quantitative	HCV RNA not detected. If detected results are reported in IU/mL and log IU/mL. The quantification range of this assay is 12 IU/mL to 100,000,000 IU/mL (1.08 IU/mL to 8.00 log IU/mL).
4923	Hepatitis C Ab	Negative
4255	Hepatitis Panel (Acute)	Negative
1123	Herpes Simplex 1 & 2 (HSV) DNA Detection	Negative This test was developed and its performance characteristics determined by the Evanston Hospital Molecular Diagnostics Laboratory. It has not been cleared or approved by the U.S. Food and Drug Administration.
1695	HIV 1/2 Antibodies and p24 Antigen	p24 Antigen: Negative HIV 1 Antibodies: Negative HIV2 Antibodies: Negative All positive results are confirmed by additional testing.
1332	HIV-1 RNA PCR, Quantitative (HIV Viral Load)	No HIV-1 RNA detected. This assay has a plasma HIV-1 RNA quantification result range from 40 to 10,000,000 copies/mL (1.6 to 7.00 log copies/mL). A "not detected" result indicates that the assay was unable to detect HIV-1 RNA within the plasma specimen. A "detected < 40" result indicates that HIV-1 RNA was detected, but the level present is less than the lower quantification limit of this assay. A ">10,000,000" result indicates that HIV-1 RNA is detected, but the level present is above the upper quantification limit of this assay. Testing performed using the Abbott Real Time HIV assay.

Test ID	Order Code Name	Reference Range Information		
1687	HIV-1/HIV-2 Antibody Differentiation/Confirmation	HIV 1 Antibodies: Negative HIV 2 Antibodies: Negative		
1659	HLA B27 Screening	Positive or negative for the HLA-B27 antigen.		
1660	HLA DQ Alpha1 and Beta 1 Screening	Positive or negative for the HLA-DQ2 and HLA-DQ8 antigens.		
5866	Homocysteine	<15 umol/L		
4548	House Dust Allergen Panel 1	IgE kU/L	Class	Interpretation
		<0.10	Class 0	Negative
		0.10 - 0.34	Class 0/1	Equivocal/Borderline
		0.35 - 0.69	Class 1	Equivocal
		0.70 - 3.49	Class 2	Positive
		3.50 - 17.49	Class 3	Positive
		17.50 - 49.99	Class 4	Strongly Positive
		50.00 - 99.99	Class 5	Strongly Positive
		>=100.00	Class 6	Strongly Positive
1781	HPV Detection, High Risk	Negative		
1782	HPV Genotyping, High Risk	Negative		
4776	IgA, Quantitative, Serum	Units are mg/dL 0 - 1 year: 0 - 83 1 - 3 years: 20 - 100 4 - 6 years: 27 - 195 7 - 9 years: 34 - 305 10 - 11 years: 53 - 204 12 - 13 years: 58 - 358 14 - 15 years: 47 - 249 16 - 19 years: 61 - 348 >19 years: 85 - 499		
4915	IgE, Quantitative, Serum	Units: kU/L AGE MEAN +1SD +2SD 0-6 weeks: 0.6 2.3 8.8 7 weeks-3 months: 1.0 4.1 17.0 4-6 months: 1.8 7.3 30.0 7-9 months: 2.6 10.0 39.0 10-23 months: 3.2 13.0 53.0 2 years: 5.7 23.0 93.0 3 years: 8.0 32.0 128.0 4 years: 10.0 40.0 160.0 5 years: 12.0 48.0 192.0 6 years: 14.0 56.0 224.0 7 years: 16.0 63.0 248.0 8 years: 18.0 71.0 280.0 9 years: 20.0 78.0 304.0 10 years: 22.0 85.0 328.0 Adult: 13.2 41.0 127.0		

Test ID	Order Code Name	Reference Range Information
4773	IgG, Quantitative, Serum	Units are mg/dL 0 - 2 year: 327 - 1270 3 - 4 years: 468 - 1250 5 - 6 years: 532 - 1340 7 - 8 years: 454 - 1360 9 - 10 years: 568 - 1360 11 - 12 years: 568 - 1490 13 - 14 years: 664 - 1490 15 - 19 years: 550 - 1440 >19 years: 610 - 1616
4778	IgM, Quantitative, Serum	Units are mg/dL 0 - 1 year: 0 - 145 1 - 3 years: 19 - 146 4 - 6 years: 24 - 210 7 - 9 years: 31 - 208 10 - 11 years: 31 - 179 12 - 13 years: 35 - 239 14 - 15 years: 15 - 188 16 - 19 years: 23 - 259 >19 years: 35 - 242
4819	Immune Deficiency Panel	Adults CD19: 2.0-23.0% positive, 18-506 cells/uL CD56: 5.0-25.0% positive, 60-850 cells/uL CD3: 62.0-92.0% positive, 744-3128 cells/uL CD4: 36.0-58.0% positive, 420-1972 cells/uL CD8: 16.0-32.0% positive, 192-1088 cells/uL CD4/CD8 ratio: 1.0-3.0
2253	Immunoglobulin Free Light Chains	Kappa Free Light Chains: 0.33-3.26 mg/dL Lambda Free Light Chains: 0.46-2.71 mg/dL Free Light Chains Kappa/Lambda Ratio: 0.49-2.54
403	Immunoglobulins, Quantitative	Refer to individual components.
88	Infectious Mononucleosis (MonoSpot)	Negative May be negative in patients with infectious mononucleosis, especially in children and young adults; order Epstein-Barr profile (Test code 4635) if clinical findings are not consistent with a negative result.
1784	Influenza A/B LIAT PCR	Negative
1850	Influenza A/B/RSV LIAT	Negative
5295	Insulin	2.6-24.9 uU/mL
1962	Insulin 2 Hr Tolerance	Insulin, Fasting: 2.6-31.1 uU/mL Insulin, 120 minutes: <67.5 uU/mL
5067	Insulin Tolerance Test	Insulin, fasting: 2.6-31.1 uU/mL Insulin, 30 minutes: 33.8-311.0 uU/mL Insulin, 60 minutes: 24.3-373.2 uU/mL Insulin, 90 minutes: 21.6-224.5 uU/mL Insulin, 120 minutes: <67.5 uU/mL Insulin, 150 minutes: <67.5 uU/mL Insulin, 180 minutes: <67.5 uU/mL

Test ID	Order Code Name	Reference Range Information
5060	Iron	Female 0 - <14 years: 28-140 ug/dL 14 - <19 years: 33-167 ug/dL ≥19 years: 37-145 ug/dL Male 0 - <14 years: 28 - 140 ug/dL 14 - <19 year: 45 - 173 ug/dL ≥19 years: 59 - 158 ug/dL
1410	Iron Panel	Iron: Female 42-135 ug/dL Male 75-175 ug/dL IBC: 250-410 ug/dL Transferrin: Female 250-380 mg/dL Male 215-365 mg/dL % Saturation: Female 15-50% Male 20-50%
5943	Iron, Fluid	None established
2297	JAK2 V617F Mutation	Not Detected
1940	JAK2 V617F Mutation & Reflex NGS Panel for Myeloproliferative Neoplasms	Not Detected
5190	JOINT INFECTION PCR PANEL & BACTERIAL CULTURE	NOT DETECTED
517	Lactate Dehydrogenase (LDH)	Female 0 - 14 days: 0-1,128 U/L 15 days - < 1 years: 0-424 U/L 1 - <10 years: 0-305 U/L 10 - <15 years: 0-260 U/L 15 - <19 years: 0-240 U/L ≥19 years: 135-214 U/L Male 0 - 14 days: 0-1,128 U/L 15 days - < 1 years: 0-424 U/L 1 - <10 years: 0-305 U/L 10 - <15 years: 0-270 U/L 15 - <19 years: 0-240 U/L ≥19 years: 135 - 225 U/L LDH is an enzyme found in a variety of tissues including liver, skeletal and cardiac muscle, platelets, placenta, lungs and red blood cells. Due to its wide spread tissue distribution additional diagnostic information is required to interpret an elevated level. Due to high LDH levels in red blood cells, hemolyzed samples give falsely elevated values.
5937	Lactate Dehydrogenase (LDH), Fluid	None established
548	Lactic Acid	0.5-2.2 mmol/L
2482	Lactoferrin, Stool	No detection of increased levels

Laboratory Reference Ranges

Test ID	Order Code Name	Reference Range Information
5545	LBND, Amniotic Fluid	<10 thousands/uL: High risk for RDS 10 - <29 thousands/uL: Intermediate risk for RDS >=29 thousands/uL: Low risk for RDS
5579	LDL Chol, Analytical	The National Education Program issued the following recommendations for LDL levels in July 2004 as part of the ATP III report: For Patients in the High Risk Group: < 100 with therapeutic goal of < 70 For All Others: < 130 with therapeutic goal of < 100 <100 mg/dL Optimal 100 - 129 mg/dL Near Optimal/Above Optimal 130 - 159 mg/dL Borderline High 160 - 189 mg/dL High >=190 mg/dL Very High
333	Legionella Ag, Ur	None Detected
6978	LEGIONELLA PCR	Not Detected
4418	Leukemia/Lymphoma Panel	See written Pathologist report. Diagnosis of malignancy must be made in the context of clinical and morphologic findings.
5469	LIDOCAINE	1.5-5.0 ug/mL
553	Lipase	13-60 U/L
5580	Lipase, Fluid	None established
5245	Lithium	0.8-1.4 mEq/L CRITICAL VALUES: >2.0 mEq/L
2609	Low Molecular Weight Xa Inhibition Assay	Therapeutic range: 0.5-1.0 U/mL Prophylaxis range: 0.2-0.6 U/mL
5236	Luteinizing Hormone (LH)	Female Follicular: 2.4-12.6 mIU/mL Ovulatory: 14.0-95.6 mIU/mL Luteal: 1.0-11.4 mIU/mL Post menopausal: 7.7-58.5 mIU/mL Male: <1.7-8.6 mIU/mL
581	Magnesium	Newborn: 1.5-2.2 mg/dL 1 month - <6 years: 1.7-2.3 mg/dL 6 - <12 years: 1.7-2.1 mg/dL 12 - <60 years: 1.7-2.2 mg/dL 60 - <90 years: 1.6-2.4 mg/dL >=90 years: 1.7-2.3 mg/dL CRITICAL VALUES <1.0 or >4.0 mg/dL For OB Protocol: <1.0 or >8.0 mg/dL
5946	Magnesium, Fluid	None established
9581	Magnesium, Random Urine	None established
5581	Magnesium, Time Urine	50-200 mg/24 hours
1216	Malaria by PCR	Negative for Plasmodium species
5981	Marijuana Screen	Negative

Test ID	Order Code Name	Reference Range Information		
4430	Measles Antibodies (IgG)	<=0.8 AI: Negative Presumed non-immune to Measles >0.8 - 1.0 AI: Equivocal >1.0 AI: Positive Presumed immune to Measles		
4543	Meat Allergen Panel	IgE kU/L	Class	Interpretation
		<0.10	Class 0	Negative
		0.10 - 0.34	Class 0/1	Equivocal/Borderline
		0.35 - 0.69	Class 1	Equivocal
		0.70 - 3.49	Class 2	Positive
		3.50 - 17.49	Class 3	Positive
		17.50 - 49.99	Class 4	Strongly Positive
		50.00 - 99.99	Class 5	Strongly Positive
		>=100.00	Class 6	Strongly Positive
5185	MENINGITIS/ENCEPHALITIS PCR PANEL & BACTERIAL CULTURE	NOT DETECTED		
5987	Methadone Screen	Negative		
541	Methemoglobin	0.4-1.5%		
5488	Methotrexate	Nontoxic drug concentration after 72 hours: <0.1 mcmol/L Following a 4- to 6-hour intravenous infusion of methotrexate, postinfusion concentrations greater than the following indicate an increased risk of toxicity if conventional low-dose leucovorin rescue is given: -24-hour postinfusion concentration: 5.0 to 10.0 mcmol/L -48-hour postinfusion concentration: 0.5 to 1.0 mcmol/L -72-hour postinfusion concentration: 0.1 mcmol/L		
9472	Microalbumin, Urine, Random	0.0 - 1.9 mg/dL		
9473	Microalbumin, Urine, Timed	<30.0 mg/24 hours		
4580	Microalbumin/Creatinine Ratio, Urine	<30.0 ug albumin/mg creatinine		
3065	Microbial Identification, Urine	Identification of organism		
3433	Microsporidium Exam	Negative One negative result does not rule out the possibility of Microsporidium infection. Administration of barium, iron, magnesium, bismuth, high fiber laxatives, castor or mineral oil within 1 week prior to testing is contra- indicated.		
1618	Milk Allergy Component Panel	IgE kU/L	Class	Interpretation
		<0.10	Class 0	Negative
		0.10 - 0.34	Class 0/1	Equivocal/Borderline
		0.35 - 0.69	Class 1	Equivocal
		0.70 - 3.49	Class 2	Positive
		3.50 - 17.49	Class 3	Positive
		17.50 - 49.99	Class 4	Strongly Positive
		50.00 - 99.99	Class 5	Strongly Positive
		>=100.00	Class 6	Strongly Positive

Test ID	Order Code Name	Reference Range Information		
4363	Mold Allergen Panel cludes Alternaria tenuis, Aspergillus fumigatus, Candida albicans, Cladosporium herbarum, Helminthosporium halodes and Penicillium noltatum	IgE kU/L	Class	Interpretation
		<0.10	Class 0	Negative
		0.10 - 0.34	Class 0/1	Equivocal/Borderline
		0.35 - 0.69	Class 1	Equivocal
		0.70 - 3.49	Class 2	Positive
		3.50 - 17.49	Class 3	Positive
		17.50 - 49.99	Class 4	Strongly Positive
		50.00 - 99.99	Class 5	Strongly Positive
		>=100.00	Class 6	Strongly Positive
4738	Monogam Follow Up, Urine Random	See written Pathology report.		
4739	Monogam Follow Up, Urine Timed	See written Pathology report.		
4737	Monogam Initial, Urine Timed	See pathologist's written report. This test is useful in initial workup of patients suspected to have a monoclonal gammopathy (e.g., multiple myeloma, light chain disease).		
4634	Monogam, Initial, Random, Urine	See written Pathology report.		
4764	Monogam, Serum, Follow Up	Total protein: 6.1-7.9 gm/dL Albumin: 3.5-5.5 gm/dL Alpha 1: 0.1-0.2 gm/dL Alpha 2: 0.5-0.9 gm/dL Beta 1: 0.3-0.7 gm/dL Beta 2: 0.1-0.4 gm/dL Gamma: 0.4-1.2 gm/dL Kappa: 574 - 1276 mg/dL Lambda: 268 - 638 mg/dL K/L ratio: 1.47 - 2.95 IgG, IgM, IgA: Refer to individual components. This test is useful for follow-up testing for patients with a previously identified serum monoclonal protein.		
4651	Monogam, Serum, Initial	Total protein: 6.1-7.9 gm/dL Albumin: 3.5-5.5 gm/dL Alpha 1: 0.1-0.2 gm/dL Alpha 2: 0.5-0.9 gm/dL Beta 1: 0.3-0.7 gm/dL Beta 2: 0.1-0.4 gm/dL Gamma: 0.4-1.2 gm/dL Paraprotein: 0 g/dL Kappa: 574-1276 mg/dL Lambda: 268-638 mg/dL K/L ratio: 1.47-2.95 IgG, IgM, IgA: Refer to individual components. This test is useful in the workup of suspected monoclonal gammopathy, e.g., multiple myeloma. Patients with light chain disease may show normal serum results.		

Test ID	Order Code Name	Reference Range Information
1818	Monogam-Transplant	Total protein: 6.1-7.9 gm/dL Albumin: 3.5-5.5 gm/dL Alpha 1: 0.1-0.2 gm/dL Alpha 2: 0.5-0.9 gm/dL Beta 1: 0.3-0.7 gm/dL Beta 2: 0.1-0.4 gm/dL Gamma: 0.4-1.2 gm/dL Paraprotein: 0 g/dL Kappa: 574-1276 mg/dL Lambda: 268-638 mg/dL K/L ratio: 1.47-2.95 IgG, IgM, IgA: Refer to individual components This test is useful in the workup of suspected monoclonal gammopathy, e.g., multiple myeloma. Patients with light chain disease may show normal serum results.
4192	Mumps Antibodies (IgG)	<=0.8 AI: Negative Presumed non-immune to Mumps-IgG >0.8 - 1.0 AI: Equivocal >1.0 AI: Positive Presumed immune to Mumps-IgG
1129	Mycobacterium Tuberculosis (TB) DNA Detection	Negative The assay targets the insertion sequence IS6110, found in TB along with M. microti, M. africanum, M. bovis and M. bovis BCG (Mycobacteria tuberculosis complex organisms)
4243	Myeloperoxidase (MPO) Antibodies, IgG	Negative: <1.0 AI Positive: >=1.0 AI
5836	Myoglobin	Female: 25-58 ng/mL Male: 28-72 ng/mL Myoglobin is a protein present in all muscle and is involved in the delivery of oxygen tissues. Due to its wide spread tissue distribution it is elevated in a wide variety of diseases including trauma, ischemia, seizures, infections, toxin exposure and myocardial infarction, resulting in poor diagnostic specificity. However, it is one of the first biochemical markers to be elevated in myocardial infarction, being elevated in over 90% of cases within 2-4 hours of the onset of symptoms.
6140	Nasal Smear Eosinophils	None seen
6900	NASD Chloracetate Esterase	See written Pathology report.
4004	NeedleStick - Exposed	See individual tests in panel.
2770	NeedleStick - Follow Up	See individual tests.
4003	Needlestick - Source	See individual tests in panel.
1746	NOROVIRUS RNA DETECTION, PCR, STOOL	Negative

Laboratory Reference Ranges

Test ID	Order Code Name	Reference Range Information
1721	NT-ProBNP	<300 pg/mL NT-ProBNP values consistent with acute congestive heart (CHF) are the following: <50 years: >450 pg/mL 50 - 75 years: >900 pg/mL >75 years: >1800 pg/mL NT-ProBNP levels are used to differentiate between congestive heart failure (CHF) and other conditions, such as pulmonary diseases, that produce similar symptoms and to monitor treatment for CHF. In general NT-ProBNP levels correlate with the New York Heart Association System for the classification of CHF in that higher NT-ProBNP levels predict a higher class on the New York Heart Association System. The NT-ProBNP molecule has a short half-life so NT-ProBNP levels decrease within hours of successful therapy.
5017	O2 Saturation	Arterial 95-98%
9989002-4	OB/GYN Pathology	See written Pathology report.
9989002-C	OB/GYN Pathology	See written Pathology report.
8000	Obstetric Panel	See individual tests in panel. Please note a REACTIVE RPR result will reflex a Syphilis Ab, IgG total. Antibody Screen Negative. Rh-negative pregnant women who have not previously made anti-Rh ('anti-D') require antenatal administration of Rh Immune Globulin to prevent Rh hemolytic disease of the newborn (rh-HDN). The antibody screen detects a risk of HDN due to unexpected antibodies.
1772	Obstetric Panel with HIV Antibodies	See individual tests in panel. Please note a REACTIVE RPR result will reflex a Syphilis Ab, total test.

Test ID	Order Code Name	Reference Range Information																											
359	Occult Blood, Stool	Negative Lack of sensitivity to small amounts of blood may fail to detect slower rates of blood loss. Also, blood, if present, may not be distributed uniformly in the specimen. Clinical studies indicate that a daily blood loss of 2-3 mL is the lower limit of abnormality and may indicate gastro-intestinal pathology. Based on using representative specimens with whole blood added, the occult blood method used in the laboratory, can be expected to give a positive result 50% of the time when the equivalent daily blood loss is 2-3 mL. Since bleeding from gastrointestinal lesions may be intermittent, fecal specimens for testing should be collected from three consecutive bowel movements closely spaced in time. To further increase the probability of detecting occult blood, separate samples should be taken from 2 different sections of each fecal specimen. Fecal specimens should not be collected if hematuria or obvious rectal bleeding, such as from hemorrhoids, is present or from premenopausal women during or in the first three days after a menstrual cycle.																											
4798	Occupational Allergen Panel 2	<table> <tr> <td>IgE kU/L</td><td>Class</td><td>Interpretation</td></tr> <tr> <td><0.10</td><td>Class 0</td><td>Negative</td></tr> <tr> <td>0.10 - 0.34</td><td>Class 0/1</td><td>Equivocal/Borderline</td></tr> <tr> <td>0.35 - 0.69</td><td>Class 1</td><td>Equivocal</td></tr> <tr> <td>0.70 - 3.49</td><td>Class 2</td><td>Positive</td></tr> <tr> <td>3.50 - 17.49</td><td>Class 3</td><td>Positive</td></tr> <tr> <td>17.50 - 49.99</td><td>Class 4</td><td>Strongly Positive</td></tr> <tr> <td>50.00 - 99.99</td><td>Class 5</td><td>Strongly Positive</td></tr> <tr> <td>>=100.00</td><td>Class 6</td><td>Strongly Positive</td></tr> </table>	IgE kU/L	Class	Interpretation	<0.10	Class 0	Negative	0.10 - 0.34	Class 0/1	Equivocal/Borderline	0.35 - 0.69	Class 1	Equivocal	0.70 - 3.49	Class 2	Positive	3.50 - 17.49	Class 3	Positive	17.50 - 49.99	Class 4	Strongly Positive	50.00 - 99.99	Class 5	Strongly Positive	>=100.00	Class 6	Strongly Positive
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5985	Opiates Screen	Negative																											
540	Osmolality, Serum	284-300 mosmol/kg																											
5541	Osmolality, Urine	650-1300 mosmol/kg																											
2563	P2Y12 Inhibitor (Plavix) Assay	Patient P2Y12 Reaction Units (PRU) reflects the level of ADP induced platelet aggregation in the presence of P2Y12 inhibitors. Interpretation: Patient PRU values <208 indicate platelets are responsive to anti-P2Y12 medication. PRU values >208 indicate platelets are unresponsive or insufficiently responsive. Poor response may be due to many factors, including genetic variation, interfering medications and non-compliance. Patients who have been treated with Glycoprotein IIb/IIIa inhibitor drugs (ReoPro, Integrilin and Tirofiban) should not be tested until platelet function has recovered. Concordance of PRU and % inhibition results for the VerifyNow P2Y12 test are shown below. % Inhibition Threshold PRU Threshold 10% 259 20% 237 30% 214 40% 187 50% 159 60% 131 This data is from the clinical trial by Price et al. Am Heart J. 2009;157:818-824.el. Data and analysis is on file at Accumetrics.																											

Test ID	Order Code Name	Reference Range Information																											
36	Parasite Exam	Presence or absence of parasites reported. If present, parasite(s) will be identified. One negative result does not rule out the possibility of parasitic infection.																											
68	Parasite Exam, Blood	Presence or absence of parasite will be reported. If present parasite(s) will be identified.																											
3601	Parasite ID	Organism identification																											
1604	Peanut Allergy Component Panel	<table> <tr> <td>IgE kU/L</td><td>Class</td><td>Interpretation</td></tr> <tr> <td><0.10</td><td>Class 0</td><td>Negative</td></tr> <tr> <td>0.10 - 0.34</td><td>Class 0/1</td><td>Equivocal/Borderline</td></tr> <tr> <td>0.35 - 0.69</td><td>Class 1</td><td>Equivocal</td></tr> <tr> <td>0.70 - 3.49</td><td>Class 2</td><td>Positive</td></tr> <tr> <td>3.50 - 17.49</td><td>Class 3</td><td>Positive</td></tr> <tr> <td>17.50 - 49.99</td><td>Class 4</td><td>Strongly Positive</td></tr> <tr> <td>50.00 - 99.99</td><td>Class 5</td><td>Strongly Positive</td></tr> <tr> <td>>=100.00</td><td>Class 6</td><td>Strongly Positive</td></tr> </table>	IgE kU/L	Class	Interpretation	<0.10	Class 0	Negative	0.10 - 0.34	Class 0/1	Equivocal/Borderline	0.35 - 0.69	Class 1	Equivocal	0.70 - 3.49	Class 2	Positive	3.50 - 17.49	Class 3	Positive	17.50 - 49.99	Class 4	Strongly Positive	50.00 - 99.99	Class 5	Strongly Positive	>=100.00	Class 6	Strongly Positive
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2636	Pediatric Lipid Panel	FASTING samples ages 2 - 19 years and NON-FASTING samples ages 9 - 11 and 17 - 19 years TOTAL CHOLESTEROL <170 Acceptable 170 - 199 Borderline >=200 High HDL Cholesterol (mg/dL) >45 Acceptable 40-45 Borderline <40 Low Non-HDL Cholesterol (mg/dL) <120 Acceptable 120-144 Borderline >=145 High FASTING Sample, ages 2 - 19 years LDL Cholesterol (mg/dL) <110 Acceptable 110 - 129 Borderline >=130 High Triglyceride (mg/dL) Ages 0 - 9 years <75 Acceptable 75 - 99 Borderline >=100 High Ages 10 - 19 years <90 Acceptable																											
5941	pH, Fluid	None established																											
1738	Pharmacogenomics Panel (PGx)	N/A																											
1961	Pharmacogenomics Panel NC	N/A																											
5986	Phencyclidine (PCP) Screen	Negative																											

Test ID	Order Code Name	Reference Range Information
5200	Phenobarbital	15-40 mg/L CRITICAL VALUES: >50.0 mg/L
5215	Phenytoin (Dilantin)	0-3 years: 6-14 mg/L >3 years: 10-20 mg/L CRITICAL VALUES: >40.0 mg/L Please note an Adjusted Phenytoin will also be reported if an Albumin has been performed in last 24 hours with a value less than 3.5 mg/L.
4281	Phospholipid (Cardiolipin) Antibodies (IgG, IgM, IgA)	Phospholipid Antibodies, IgG <20.0 U/mL: negative ≥20 U/mL: positive Phospholipid Antibodies, IgM <20.0 U/mL: negative ≥20 U/mL: positive Phospholipid Antibodies, IgA <20.0 U/mL: negative ≥20 U/mL: positive These assays have specifically been calibrated such that values ≥20 U/mL are classified as positive as described in S. Miyakis et al, International Consensus Statement on an Update of the Classification Criteria for Definite Antiphospholipid Syndrome. Journal of Thrombosis and Haemostasis. 2006;4:295-306.
4184	Phospholipid (Cardiolipin) Antibodies IgA	Phospholipid Antibodies, IgA <20.0 U/mL: negative ≥20 U/mL: positive This assay has specifically been calibrated such that values ≥20 U/mL are classified as positive as described in S. Miyakis et al, International Consensus Statement on an Update of the Classification Criteria for Definite Antiphospholipid Syndrome. Journal of Thrombosis and Haemostasis. 2006;4:295-306.
4182	Phospholipid (Cardiolipin) Antibodies IgG	Phospholipid Antibodies, IgG <20.0 U/mL: negative ≥20 U/mL: positive This assay has specifically been calibrated such that values ≥20 U/mL are classified as positive as described in S. Miyakis et al, International Consensus Statement on an Update of the Classification Criteria for Definite Antiphospholipid Syndrome. Journal of Thrombosis and Haemostasis. 2006;4:295-306.
4183	Phospholipid (Cardiolipin) Antibodies IgM	Phospholipid Antibodies, IgM <20.0 U/mL: negative ≥20 U/mL: positive This assay has specifically been calibrated such that values ≥20 U/mL are classified as positive as described in S. Miyakis et al, International Consensus Statement on an Update of the Classification Criteria for Definite Antiphospholipid Syndrome. Journal of Thrombosis and Haemostasis. 2006;4:295-306.

Laboratory Reference Ranges

Test ID	Order Code Name	Reference Range Information
511	Phosphorus	Female 0 - 14 days: 5.3-9.8 mg/dL 15 days - < 1 year: 4.6-7.9 mg/dL 1 - <5 years: 4.1-6.4 mg/dL 5 - <13 years: 4.0-5.6 mg/dL 13 - <16 years: 3.1-5.3 mg/dL 16 - <19 years: 2.9-4.8 mg/dL >=19 years: 2.5-4.5 mg/dL Male 0 - 14 days: 5.3-9.8 mg/dL 15 days - < 1 year: 4.6-7.9 mg/dL 1 - <5 years: 4.1-6.4 mg/dL 5 - <13 years: 4.0-5.6 mg/dL 13 - <16 years: 3.1-5.8 mg/dL 16 - <19 years: 2.9-4.8 mg/dL >=19 years: 2.5-4.5 mg/dL CRITICAL VALUES: <1.0 mg/dL
5931	Phosphorus, Fluid	None established
9511	Phosphorus, Random Urine	First morning urine: 40-136 mg/dL
5511	Phosphorus, Timed Urine	0.4-1.3 g/24 hours
67	Pinworm Prep	Presence or absence of Enterobius vermicularis reported. Stool specimens are not satisfactory for pinworm studies because only 10-15% of infected persons have demonstrable eggs in their stools. Specimens must be collected from the perianal region. It is to this area that the gravid female migrates and lays large numbers of eggs while the host is resting.

Test ID	Order Code Name	Reference Range Information
6180	Platelet Aggregation	Normal Ranges in Whole Blood with Reusable Electrodes Reagent Concentration Agg. (ohms) ATP (nmole) Thrombin 1 Unit N/A >0.5 Collagen 1µg/mL 13 - 32 0.3 -1.8 5µg/mL 21-36 0.7 - 2.3 Arachidonic Acid 0.5 mM 7 - 27 0.2 - 2.3 ADP 10µM
655	Platelet Count	150-400 thousands/uL CRITICAL VALUES <20,000 or >900,000/mm³ PAT/ASU samples: <150,000 or >900,000/mm³
6500	Platelet Function Analysis (PFA)	EPI/Collagen: 75-187 seconds ADP/Collagen: 58-116 seconds Used as a screening test for platelet function disorders such as von Willebrand's disease, Glanzmann's Thrombasthenia, Bernard-Soulier Syndrome and aspirin-like defect.
6977	PNEUMOCYSTIS PCR	Not Detected
6061	Post Vasectomy, Semen Analysis	

Test ID	Order Code Name	Reference Range Information
503	Potassium	0-3 months: 4.0-6.2 meq/L 3 months-12 years: 3.4-4.7 meq/L >12 years: 3.5-5.3 meq/L CRITICAL VALUES Newborn (<=2 months): <3.0 or >7.0 mEq/L >2 months of age: <3.0 or >6.0 mEq/L Potassium is the major cation within the cell. Minor changes in concentration have significant consequences. Signs and symptoms of hyperkalemia include irritability, nausea, vomiting, intestinal colic, diarrhea, and EKG abnormalities. Signs and symptoms of hypokalemia include weakness, hyporeflexia, ileus, increased cardiac sensitivity to digoxin, cardiac arrhythmias, and EKG changes. The potassium level should be carefully followed in patients with uremia, Addison's disease, vomiting and diarrhea, and steroid therapy and in patients taking potassium-depleting diuretics. Values must be closely monitored in patients taking digitalis-like drugs because cardiac arrhythmias may be induced by hypokalemia and digoxin.
5923	Potassium, Fluid	None established
5475	Potassium, Plasma	0-3 months: 4.0-6.2 meq/L 3 months-12 years: 3.4-4.7 meq/L >12 years: 3.5-5.3 meq/L CRITICAL VALUES Newborn (<=2 months): <3.0 or >7.0 mEq/L >2 months of age: <3.0 or >6.0 mEq/L Potassium is the major cation within the cell. Minor changes in concentration have significant consequences. Signs and symptoms of hyperkalemia include irritability, nausea, vomiting, intestinal colic, diarrhea, and EKG abnormalities. Signs and symptoms of hypokalemia include weakness, hyporeflexia, ileus, increased cardiac sensitivity to digoxin, cardiac arrhythmias, and EKG changes. The potassium level should be carefully followed in patients with uremia, Addison's disease, vomiting and diarrhea, and steroid therapy and in patients taking potassium-depleting diuretics. Values must be closely monitored in patients taking digitalis-like drugs because cardiac arrhythmias may be induced by hypokalemia and digoxin.

Test ID	Order Code Name	Reference Range Information
1729	Potassium, Serum	0-3 months: 4.0-6.2 meq/L 3 months-12 years: 3.4-4.7 meq/L >12 years: 3.5-5.3 meq/L CRITICAL VALUES Newborn (<=2 months): <3.0 or >7.0 mEq/L >2 months of age: <3.0 or >6.0 mEq/L Potassium is the major cation within the cell. Minor changes in concentration have significant consequences. Signs and symptoms of hyperkalemia include irritability, nausea, vomiting, intestinal colic, diarrhea, and EKG abnormalities. Signs and symptoms of hypokalemia include weakness, hyporeflexia, ileus, increased cardiac sensitivity to digoxin, cardiac arrhythmias, and EKG changes. The potassium level should be carefully followed in patients with uremia, Addison's disease, vomiting and diarrhea, and steroid therapy and in patients taking potassium-depleting diuretics. Values must be closely monitored in patients taking digitalis-like drugs because cardiac arrhythmias may be induced by hypokalemia and digoxin.
5503	Potassium, Urine Timed	25-125 meq/24 hours
530	Potassium, Urine, Random	None established.
5474	Potassium, Whole Blood	0-3 months: 4.0-6.2 meq/L 3 months-12 years: 3.4-4.7 meq/L >12 years: 3.5-5.3 meq/L CRITICAL VALUES Newborn (<=2 months): <3.0 or >7.0 mEq/L >2 months of age: <3.0 or >6.0 mEq/L
4218	Prealbumin	Female 0 - 14 days: <11 mg/dL 15 days - < 1 year: 4 - 23 mg/dL 1 - <5 years: 11 - 22 mg/dL 5 - <13 years: 13 - 25 mg/dL 13 - <16 years: 17 - 30 mg/dL 16 - <19 years: 16 - 34 mg/dL >=19 years: 20 - 40 mg/dL Male 0 - 14 days: <11 mg/dL 15 days - < 1 year: 4 - 23 mg/dL 1 - <5 years: 11 - 22 mg/dL 5 - <13 years: 13 - 25 mg/dL 13 - <16 years: 17 - 30 mg/dL 16 - <19 years: 20 - 34 mg/dL >=19 years: 20 - 40 mg/dL
91	Pregnancy Screen, Urine	Negative

Test ID	Order Code Name	Reference Range Information
5275	Pregnancy Serum/Plasma Qualitative	Female: Premenopausal, non-pregnant: <1 mIU/mL Postmenopausal: <7 mIU/mL Beta HCG ranges during normal pregnancy, as reported in the literature, are: 3-4 weeks post LMP: 9-130 mIU/mL 4-5 weeks post LMP: 75-2,600 mIU/mL 5-6 weeks post LMP: 850-20,800 mIU/mL 6-7 weeks post LMP: 4,000-100,200 mIU/mL 7-12 weeks post LMP: 11,500-289,000 mIU/mL 12-16 weeks post LMP: 18,300-137,000 mIU/mL 16-29 2nd trimester: 1,400-53,000 mIU/mL 29-41 3rd trimester: 940-60,000 mIU/mL
3900	PRESURGICAL STAPH AUREUS SCREEN	NEGATIVE: No Staphylococcus aureus detected POSITIVE: Methicillin-susceptible Staphylococcus aureus (MSSA) detected POSITIVE: Methicillin-resistant Staphylococcus aureus (MRSA) detected
2826	Procalcitonin	No assigned reference range PCT level ≤ 0.3 ng/mL is associated with low risk of an invasive bacterial infection
5534	Progesterone	Female Follicular Phase: 0.1 - 0.9 ng/mL Ovulation Phase: 0.1 - 12.0 ng/mL Luteal Phase: 1.8 - 24.0 ng/mL Post menopausal: ≤ 0.2 ng/mL Pregnancy 1st trimester: 11.0 - 44.0 ng/mL 2nd Trimester: 25.0 - 83.0 ng/mL 3rd Trimester: 58.0 - 214.0 ng/mL Male ≤ 0.2 ng/mL
5065	Prograf (Tacrolimus)	5.0-20.0 ng/mL
5576	Prolactin	Female (non-pregnant): 4.8 - 23.3 ng/mL Male: 4.0 - 15.2 ng/mL
2847	Prolactin With Dilution	Female (non-pregnant): 4.8 - 23.3 ng/mL Male: 4.0 - 15.2 ng/mL

Test ID	Order Code Name	Reference Range Information
693	Protein C Functional	66-142% Activity Protein C is a Vitamin K dependent factor which is produced in the liver. In its active form it inhibits fibrin formation by inactivating factor V and factor VIII. Congenital deficiency of Protein C is associated with increased tendency for thromboembolism, purpura fulminans in infants and skin necrosis associated with coumadin therapy. Type I deficiency has decreased levels of functional and antigenic activity. Type II deficiency has decreased levels of functional and normal levels of antigenic activity. Antigenic activity will be performed only if functional activity is decreased.
4540	Protein Electrophoresis, Serum	Total protein: 6.1-7.9 gm/dL Albumin: 3.5-5.5 gm/dL Alpha 1: 0.1-0.2 gm/dL Alpha 2: 0.5-0.9 gm/dL Beta 1: 0.3-0.7 gm/dL Beta 2: 0.1-0.4 gm/dL Gamma: 0.4-1.2 gm/dL Paraprotein: 0 gm/dL May not detect monoclonal proteins that migrate in the beta region. If monoclonal gammopathy is suspected clinically order Monogam, Serum, Initial - test code 4651.
4729	Protein Electrophoresis, Urine Timed	0.0-0.2 grams/total volume May not detect abnormal proteins that migrate under normal proteins. If monoclonal gammopathy is suspected clinically order Monogam, Urine, 24 hour, Initial - test code 4739.
4518	Protein Electrophoresis, Urine, Random	None established
695	PROTEIN S ANTIGEN	MEN: 70% - 140% ACTIVITY WOMEN: 60% - 130% ACTIVITY
696	Protein S Functional	0-1 day: 12-60% Activity 2-5 days: 22-78% Activity 6 days-1 month: 33-93% Activity 1 month-3 months: 54-118% Activity 3 months-6 years: 55-119% Activity >6 years: 58-120% Activity Type I Deficiency: decreased levels of both functional and antigenic activity. Type II Deficiency: decreased levels of functional and normal antigenic activity. Antigen (free proteins) will be performed only if patient has a decreased functional activity.
508	Protein, Total	0 - 14 days: 5.1 - 8.0 gm/dL 15 days - <1 year: 4.3-6.9 gm/dL 1 - <5 years: 5.9-7.3 gm/dL 6 - <8 years: 6.2-7.5 gm/dL 8 - <19 years: 6.0-8.3 gm/dL ≥19 years: 6.0-8.3 gm/dL

Laboratory Reference Ranges

Test ID	Order Code Name	Reference Range Information
528	Protein, Total, CSF	15-45 mg/dL
5928	Protein, Total, Fluid	None established
5609	Protein, Total, Random Urine	None established
5508	Protein, Total, Timed Urine	0.0-0.2 g/24 hours CRITICAL VALUES: >10.0 gm/24 hours
5087	Protein/Creatinine Ratio, Urine	0.00-0.20
4219	Proteinase-3 (PR3) Antibodies, IgG	Negative: <1.0 AI Positive: >=1.0 AI
1088	Prothrombin Gene Mutation by PCR	No mutation detected (Homozygous Normal) This test was developed and its performance characteristics determined by the Evanston Hospital Molecular Diagnostics Laboratory. It has not been cleared or approved by the U.S. Food and Drug Administration.
6162	Prothrombin Time Stago	PT: 11.9-15.5 seconds INR: Therapeutic range is 2.0-3.0
1677	PSA (Prostate Specific Antigen) - Diagnostic (Roche)	Age (Years) PSA Total (ng/mL) <40 <=2.0 40 - 49 <=2.5 50 - 59 <=3.5 60 - 69 <=4.5 70 - 79 <=6.5 >= 80 <=7.2
1676	PSA (Prostate Specific Antigen) - Screening (Roche)	Age (Years) PSA Total (ng/mL) <40 <=2.0 40 - 49 <=2.5 50 - 59 <=3.5 60 - 69 <=4.5 70 - 79 <=6.5 >= 80 <=7.2
1678	PSA (Prostate Specific Antigen), Free and Total (Roche)	Age (Years) PSA Total (ng/mL) <40 <=2.0 40 - 49 <=2.5 50 - 59 <=3.5 60 - 69 <=4.5 70 - 79 <=6.5 >= 80 <=7.2 % FREE PSA When Total PSA value is <2.0 ng/mL, the ratio is not calculated because clinical usefulness is not defined except in range of Total PSA 2.0-10.0 ng/mL. When total PSA value is between 2.0-10.0 ng/mL Free/Total PSA Ratio Cancer Rates PSA 4.0-10.0 ng/mL <0.10 >40% >0.25 <10% PSA 2.0-3.9 ng/mL <0.10 >30% >0.18 <10%

Test ID	Order Code Name	Reference Range Information
5191	Pseudocholinesterase, Serum	Female 16 - 30 years (non-pregnant, no contraceptive use): 4,200 - 11,250 U/L 18 - 41 years (pregnant, contraceptive use): 3,650 - 9,120 U/L Male: >40 years: 5,230 - 12,920 U/L
616	PT (Prothrombin Time)	At Evanston Hospital PT: 9.4-11.8 seconds At Glenbrook Hospital PT: 9.4-11.8 seconds At Highland Park Hospital PT: 9.4-11.8 seconds At Skokie Hospital PT: 9.4-11.8 seconds INR (all locations): 2.0-3.0 except for mechanical prosthetic valves and recurrent myocardial infarction the range is 2.5-3.5 CRITICAL VALUES INR: >6.0 PAT/ASU samples: >1.2 Recommendation for management of supra-therapeutic INR values: <5.0 No bleeding or need for rapid reversal 1) Lower or omit warfarin dose 2) Recheck INR next day 5.0- 9.0 No bleeding or need for rapid reversal, OR; No bleeding but reversal needed for surgery or dental extraction within 24 hours Use ONE of the following approaches: 1) No risk factors for bleeding: a) Hold warfarin dose b) Check INR daily 2) Risk factors for bleeding present: a) Hold warfarin dose b) Give 1.25-2.5 mg vitamin K PO x1 i) <=5.0 mg dose if rapid reversal is needed c) Recheck INR as clinically indicated or daily d) Repeat vitamin K PO if INR continues to be elevated 9.0 - 20.0 No bleeding.

Test ID	Order Code Name	Reference Range Information
6160	PT (Prothrombin Time) - Stroke	At Evanston Hospital PT: 9.4-11.8 seconds At Glenbrook Hospital PT: 9.4-11.8 seconds At Highland Park Hospital PT: 9.4-11.8 seconds At Skokie Hospital PT: 9.4-11.8 seconds INR (all locations): 2.0-3.0 except for mechanical prosthetic valves and recurrent myocardial infarction the range is 2.5-3.5 CRITICAL VALUES INR: >6.0 PAT/ASU samples: >1.2 Recommendation for management of supra-therapeutic INR values: <5.0 No bleeding or need for rapid reversal 1) Lower or omit warfarin dose 2) Recheck INR next day 5.0- 9.0 No bleeding or need for rapid reversal, OR; No bleeding but reversal needed for surgery or dental extraction within 24 hours Use ONE of the following approaches: 1) No risk factors for bleeding: a) Hold warfarin dose b) Check INR daily 2) Risk factors for bleeding present: a) Hold warfarin dose b) Give 1.25-2.5 mg vitamin K PO x1 i) <=5.0 mg dose if rapid reversal is needed c) Recheck INR as clinically indicated or daily d) Repeat vitamin K PO if INR continues to be elevated 9.0 - 20.0 No bleeding.
5680	PTH, Intact	15-65 pg/mL

Test ID	Order Code Name	Reference Range Information
612	PTT (Partial Prothrombin Time)	22-30 seconds Therapeutic Heparin Range: 47-67 seconds CRITICAL VALUES Heparin treated: >200 Non heparin treated: >100 PAT/ASU sample: >32 This test is used to monitor the effect of anticoagulant drugs such as unfractionated heparin and direct thrombin inhibitors such as hirudin, leparudin, argatroban and bivalrudin. PTT can also be used as an initial test when personal or family history suggest a coagulation factor deficiency such as Hemophilia or acquired inhibitors such as Lupus inhibitors. About 30% of normal concentrations of factors II, V, VIII, IX, X, XI and XII will maintain a rate of thrombin formation sufficient to produce a normal PTT. Prolonged values can be caused by inherited factor deficiency, DIC, coumadin or heparin therapy, liver disease, circulating inhibitors and FDP. PTT is sensitive to the blood anticoagulant level. If the tube is not filled correctly, PTT will be elevated. A hematocrit >55% will cause an elevation of PTT. A special tube should be obtained from the laboratory for all patients with hematocrits >55%.
6161	PTT Stago	PTT: 23-38 seconds Therapeutic Heparin Range: 60-96 seconds
1943	PTT-Stroke	22-30 seconds Therapeutic Heparin Range: 47-67 seconds CRITICAL VALUES Heparin treated: >200 Non heparin treated: >100 PAT/ASU sample: >32 This test is used to monitor the effect of anticoagulant drugs such as unfractionated heparin and direct thrombin inhibitors such as hirudin, leparudin, argatroban and bivalrudin. PTT can also be used as an initial test when personal or family history suggest a coagulation factor deficiency such as Hemophilia or acquired inhibitors such as Lupus inhibitors. About 30% of normal concentrations of factors II, V, VIII, IX, X, XI and XII will maintain a rate of thrombin formation sufficient to produce a normal PTT. Prolonged values can be caused by inherited factor deficiency, DIC, coumadin or heparin therapy, liver disease, circulating inhibitors and FDP. PTT is sensitive to the blood anticoagulant level. If the tube is not filled correctly, PTT will be elevated. A hematocrit > 55% will cause an elevation of PTT. A special tube should be obtained from the laboratory for all patients with hematocrits >55%.
2500	Quantiferon TB Gold	
9750	RED CELL PHENOTYPING	
5009	Renal Function Panel	See individual tests in panel.

Test ID	Order Code Name	Reference Range Information		
607	Reptilase Time	13.8-26.7 seconds This test is used to evaluate disturbances in fibrin formation and is an excellent substitute for thrombin time in the presence of heparin. Fibrin split products prolong the Reptilase time, but less than the thrombin time. A prolonged thrombin time and a normal Reptilase time indicates the presence of heparin. A prolonged thrombin time and strongly prolonged Reptilase time suggests dysfibrinogenemia or afibrinogenia.		
1789	RESEARCH-DODONA BLOOD STUDY			
1866	Research-EDTA Plasma 1			
1867	Research-EDTA Plasma 2			
1868	Research-EDTA Plasma 3			
2800	RESEARCH-LAV 1			
2801	RESEARCH-LAV 2			
1854	RESEARCH-OTHER			
2802	RESEARCH-SST 1			
2803	RESEARCH-SST 2			
1812	RESEARCH-STOOL			
2804	RESEARCH-URINE 1			
2399	Respiratory Disease Allergen Panel	IgE kU/L <0.10 0.10 - 0.34 0.35 - 0.69 0.70 - 3.49 3.50 - 17.49 17.50 - 49.99 50.00 - 99.99 >=100.00	Class Class 0 Class 0/1 Class 1 Class 2 Class 3 Class 4 Class 5 Class 6	Interpretation Negative Equivocal/Borderline Equivocal Positive Positive Strongly Positive Strongly Positive Strongly Positive
2992	Respiratory Disease Allergen Panel 2	IgE kU/L <0.10 0.10 - 0.34 0.35 - 0.69 0.70 - 3.49 3.50 - 17.49 17.50 - 49.99 50.00 - 99.99 >=100.00	Class Class 0 Class 0/1 Class 1 Class 2 Class 3 Class 4 Class 5 Class 6	Interpretation Negative Equivocal/Borderline Equivocal Positive Positive Strongly Positive Strongly Positive Strongly Positive
6698	Respiratory Pathogen Panel w COVID-19	Not Detected		
626	Reticulocyte Count	%: 0.5-3.3 Absolute Count: 15-127 K/UL Reticulocyte Hemoglobin Equivalent: Female: 32.0-39.0 pg Male: 30.4-39.6 pg		
8002	Rh	Rh: Approximately 15% of Americans are Rh negative		
4087	Rheumatoid Factor	<14 IU/mL		

Test ID	Order Code Name	Reference Range Information																											
608	Ristocetin Cofactor Assay	50-150% Activity This test is used for the differential diagnosis between Hemophilia and von Willebrand's disease and to evaluate variant forms of von Willebrand's disease. Variant forms of von Willebrand's disease necessitate a series of clinical and laboratory evaluations including patient and family history, platelet function analysis, von Willebrand's antigen and multimer analysis. Plasma from von Willebrand's, disease patient lacks a factor causing platelet aggregations in response to ristocetin. This is associated with high molecular weight fraction of factor VIII antigen.																											
3047	Rotavirus Detection	Negative Rotavirus is a common cause of diarrhea in children 6 months to 2 years of age usually seen in the winter and spring months. A negative result does not rule out the presence of Rotavirus.																											
86	RPR	Nonreactive																											
444	RPR Quantitation	Nonreactive																											
450	Rubella IgG	Susceptible: <10.0 IU/mL Equivocal: 10.0-15.0 IU/mL Immune: >=15.0 IU/mL																											
590	Salicylate	30-100 ug/mL: Analgesic 150-300 ug/mL: Anti Inflammatory >300 ug/mL: Toxic >600 ug/mL: Lethal CRITICAL VALUES: >500 ug/mL																											
4545	Seafood Allergen Panel	<table> <thead> <tr> <th>IgE kU/L</th><th>Class</th><th>Interpretation</th></tr> </thead> <tbody> <tr> <td><0.10</td><td>Class 0</td><td>Negative</td></tr> <tr> <td>0.10 - 0.34</td><td>Class 0/1</td><td>Equivocal/Borderline</td></tr> <tr> <td>0.35 - 0.69</td><td>Class 1</td><td>Equivocal</td></tr> <tr> <td>0.70 - 3.49</td><td>Class 2</td><td>Positive</td></tr> <tr> <td>3.50 - 17.49</td><td>Class 3</td><td>Positive</td></tr> <tr> <td>17.50 - 49.99</td><td>Class 4</td><td>Strongly Positive</td></tr> <tr> <td>50.00 - 99.99</td><td>Class 5</td><td>Strongly Positive</td></tr> <tr> <td>>=100.00</td><td>Class 6</td><td>Strongly Positive</td></tr> </tbody> </table>	IgE kU/L	Class	Interpretation	<0.10	Class 0	Negative	0.10 - 0.34	Class 0/1	Equivocal/Borderline	0.35 - 0.69	Class 1	Equivocal	0.70 - 3.49	Class 2	Positive	3.50 - 17.49	Class 3	Positive	17.50 - 49.99	Class 4	Strongly Positive	50.00 - 99.99	Class 5	Strongly Positive	>=100.00	Class 6	Strongly Positive
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50.00 - 99.99	Class 5	Strongly Positive																											
>=100.00	Class 6	Strongly Positive																											
623	Sedimentation Rate	Female <50 yrs old: 0-20 mm/h >50 yrs old: 0-30 mm/hour Male <50 yrs old: 0-15 mm/hour >50 yrs old: 0-20 mm/hour Useful in monitoring activity in inflammatory diseases. Reflects acute phase reactant levels. Primarily used to diagnoses rheumatoid diseases and detect paraproteins.																											
3062	Serologic Typing	Serotype of organism																											
6380	Serum Viscosity	1.4-1.8 x H2O This test is used to evaluate Hyperviscosity Syndrome associated with monoclonal gammopathy states such as Myeloma, Waldenstrom's Macroglobulinemia and other Dysproteinemias.																											

Test ID	Order Code Name	Reference Range Information
554	SGGT (GGT)	Female: 0-55 U/L Male: 0-65 U/L
5945	SGGT (GGT), Fluid	None established
620	Sickle Hemoglobin Screen	Negative This test is useful in detecting sickling hemoglobins. Hemoglobin S levels at birth may be too low for detection by this method. Hemoglobin S does not become predominant until after 3 months of age and maximum levels are not achieved until 5-6 months after birth.
4962	Sjogren Antibodies (Anti-SSA and Anti-SSB)	Anti-SSA <1.0: Negative ≥1.0: Positive Anti-SSB <1.0: Negative ≥1.0: Positive
316	Smear, Acid Fast	No organisms seen
502	Sodium	133-145 mEq/L CRITICAL VALUES: <120 or >160 mEq/L Sodium is the major cation in the extracellular space. The sodium content of the blood is a result of a balance between dietary sodium intake and renal excretion. Symptoms of hyponatremia may include weakness, confusion, lethargy, stupor, and coma. Symptoms of hypernatremia include dry mucous membranes, thirst, agitation, restlessness, hyperreflexia, mania, and convulsions. Recent trauma, surgery or shock may cause increased levels.
5922	Sodium, Fluid	None established
578	Sodium, Urine Random	None established
5502	Sodium, Urine Timed	40-200 meq/24 hours
9735	SODIUM, WB	133-145 meq/L
3316	Sputum Gram Stain Screen	Report will describe the presence or absence of bacteria, yeast, polymorphonuclear cells and epithelial cells. Gram stains alone are rarely appropriate without a culture request. Some organisms do not stain well with this stain. Up to 30% of bacterial meningitis cases may not be detected. Gram stain is not reliable for diagnosis of cervical, rectal, pharyngeal or asymptomatic urethral gonococcal infection. Gram stain is of great diagnostic value in male GC infection with proper specimen.
4126	STAT HIV 1/2 AB & HIV 1 AG	p24 Antigen: Negative HIV 1 Antibodies: Negative HIV2 Antibodies: Negative All positive results are confirmed by additional testing.

Test ID	Order Code Name	Reference Range Information		
2484	Stinging Insects IgE Allergen Panel	IgE kU/L	Class	Interpretation
		<0.10	Class 0	Negative
		0.10 - 0.34	Class 0/1	Equivocal/Borderline
		0.35 - 0.69	Class 1	Equivocal
		0.70 - 3.49	Class 2	Positive
		3.50 - 17.49	Class 3	Positive
		17.50 - 49.99	Class 4	Strongly Positive
		50.00 - 99.99	Class 5	Strongly Positive
		>=100.00	Class 6	Strongly Positive
1849	Strep A LIAT PCR-POC	Negative		
6970	Sudan Black	See written Pathology report.		
9989005-0	Surgical Pathology	See written Pathology report.		
9989005-2	Surgical Pathology	See written Pathology report.		
9989005-3	Surgical Pathology	See written Pathology report.		
9989005-5	Surgical Pathology	See written Pathology report.		
9989005-6	Surgical Pathology	See written Pathology report.		
1926	Syphilis Antibodies Total	Negative Please note a POSITIVE result will reflex to RPR Quantitation		
5741	T3, Free	4-30 days: 2.0 - 5.2 pg/mL 2-12 months: 1.5 - 6.4 pg/mL 2-6 years: 2.0 - 6.0 pg/mL 7-11 years: 2.7 - 5.2 pg/mL 12-19 years: 2.3 - 5.0 pg/mL Adult: 2.0 - 4.4 pg/mL		
5702	T3, Total	0-3 days: 0.89-4.05 ng/mL >3-7 days: 0.91-3.00 ng/mL >7 days-365 days: 0.85-2.50 ng/mL >365 days-18 years: 0.80-2.13 ng/mL >18 years: 0.87-1.78 ng/mL		
574	T4, (Thyroxine)	4.5-11.7 ug/dL		
5062	T4, Free	0.61-1.8 ng/dL Note that Free T4 values drop during pregnancy and often fall below the lower limit of normal by 21 weeks gestation.		
1033	T-Cell Clonality	Negative for clonality This test was developed and its performance characteristics determined by theNorthShore university HealthSystem Molecular Diagnostics Laboratory. It has not been cleared or approved by the U.S. Food and Drug Administration.		
583	Testosterone, Total Only	Age/Gender/Tanner specific ranges available for children Female 20 - 49 years: 8.4-48.1 ng/dL >=50 years: 2.9-40.8 ng/dL Male 20 - 49 years: 249-836 ng/dL >=50 years: 193-836 ng/dL		
5220	Theophylline	0-3 months: 5-10 mg/L >3 months: 10-20 mg/L CRITICAL VALUES: >35.0 mg/L		
606	Thrombin Time	16.7 - 23.3 seconds		

Test ID	Order Code Name	Reference Range Information		
4850	Tissue Transglutaminase (tTG) IgA Antibodies	Negative: <15.0 U/mL Positive: >15.0 U/mL		
2515	Tissue Transglutaminase (tTG) IgG Antibodies	Negative: <15.0 U/mL Positive: >15.0 U/mL		
130	Tobramycin, 18 Hours Post Dose	<2.0 ug/mL		
128	Tobramycin, Peak	4-10 ug/mL		
133	Tobramycin, Random	0-10 ug/mL		
129	Tobramycin, Trough	<2 ug/mL		
4787	Transferrin	202-336 mg/dL		
4372	Tree Allergen Panel 1	IgE kU/L	Class	Interpretation
		<0.10	Class 0	Negative
		0.10 - 0.34	Class 0/1	Equivocal/Borderline
		0.35 - 0.69	Class 1	Equivocal
		0.70 - 3.49	Class 2	Positive
		3.50 - 17.49	Class 3	Positive
		17.50 - 49.99	Class 4	Strongly Positive
		50.00 - 99.99	Class 5	Strongly Positive
		>=100.00	Class 6	Strongly Positive
4549	Tree Allergen Panel 3	IgE kU/L	Class	Interpretation
		<0.10	Class 0	Negative
		0.10 - 0.34	Class 0/1	Equivocal/Borderline
		0.35 - 0.69	Class 1	Equivocal
		0.70 - 3.49	Class 2	Positive
		3.50 - 17.49	Class 3	Positive
		17.50 - 49.99	Class 4	Strongly Positive
		50.00 - 99.99	Class 5	Strongly Positive
		>=100.00	Class 6	Strongly Positive
1915	Tree Nut Allergy Panel	IgE kU/L	Class	Interpretation
		<0.10	Class 0	Negative
		0.10 - 0.34	Class 0/1	Equivocal/Borderline
		0.35 - 0.69	Class 1	Equivocal
		0.70 - 3.49	Class 2	Positive
		3.50 - 17.49	Class 3	Positive
		17.50 - 49.99	Class 4	Strongly Positive
		50.00 - 99.99	Class 5	Strongly Positive
		>=100.00	Class 6	Strongly Positive
396	Trichomonas/Yeast Prep	Presence or absence of Trichomonas reported. One negative result does not rule out the possibility of Trichomonas Vaginitis infection. The wet mount is negative in up to 30-50% of women with trichomoniasis. Douching within 3 days prior to sample collection is contraindicated.		
520	Triglyceride	<150 mg/dL		
5940	Triglycerides, Fluid	None established		
1483	Troponin I	Female 0-34.1 ng/L Male 0-53.5 ng/L		

Test ID	Order Code Name	Reference Range Information
1942	Troponin T, High Sens-Stroke	Previous Troponin T of 0.03 ng/mL is equivalent to High Sensitivity Troponin T of 50 ng/L. Female 0-13 ng/L Male 0-21 ng/L
1917	Troponin-T, High Sensitivity	Previous Troponin T of 0.03 ng/mL is equivalent to High Sensitivity Troponin T of 50 ng/L. Female 0-13 ng/L Male 0-21 ng/L High Sensitivity Troponin T Workflow
5671	TSH (Thyroid Stimulating Hormone)	0 - <6 days: 0.7 - 15.2 uIU/mL 6 days - <3 months: 0.7 - 11.0 uIU/mL 3 months - < 1 year: 0.7 - 8.4 uIU/mL 1 - <6 years: 0.7 - 6.0 uIU/mL >=6 years: 0.3 - 5.6 uIU/mL Values as high as 8.9 uIU/mL may be seen in elderly patients without evidence of thyroid disease. Values as high as 8.9 uIU/mL may be seen in elderly patients without symptoms of thyroid disease. Thyroid Stimulating Hormone (TSH) is a glycoprotein synthesized by the anterior pituitary gland. It stimulates the production of thyroid hormone (T4/T3) and is a very sensitive indicator of thyroid disease. Levels are elevated in primary hypothyroidism and decreased in primary hyperthyroidism. It is as useful in monitoring patients in thyroid replacement therapy. It is currently recommended as the primary laboratory test in the workup of cases of suspected thyroid disease.
2480	TSH (Thyroid Stimulating Hormone) with Reflex	0.3-4.2 uIU/mL Thyroid Stimulating Hormone (TSH) is a glycoprotein synthesized by the anterior pituitary gland. It stimulates the production of thyroid hormone (T4/T3) and is a very sensitive indicator of thyroid disease. Levels are elevated in primary hypothyroidism and decreased in primary hyperthyroidism. It is as useful in monitoring patients in thyroid replacement therapy. It is currently recommended as the primary laboratory test in the workup of cases of suspected thyroid disease.
4815	TUMOR MARKER CA19-9, BF	Reference Ranges have not been established for body fluid tumor markers. The interpretation must be made in the context of the clinical findings
4813	TUMOR MARKER CEA, BF	Reference Ranges have not been established for body fluid tumor markers. The interpretation must be made in the context of the clinical findings

Test ID	Order Code Name	Reference Range Information
9850	TYPE & SCREEN AUTOMATED	ABO European Americans: 45% Group O, 40% Group A, 11% Group B, 4% Group AB African Americans: 49% Group O, 27% Group A, 27% Group B, 4% Group AB Rh Approximately 15% of Americans are Rh negative. Antibody Screen: Negative If a Positive antibody screen is detected, additional necessary pre-transfusion testing will be initiated automatically. If the patient has been transfused or pregnant in the past 3 months a Type and Screen is only considered valid for 3 days, and repeat samples must be obtained. If the intended recipient has not been pregnant or transfused within the last 3 months, the pre-transfusion blood sample may be used for up to 21 days for crossmatching (the antibody screen must be performed on serum which is no more than 1 day old.)
8128	Type-and-Screen, Q72 Autom/Gel	ABO European Americans: 45% Group O, 40% Group A, 11% Group B, 4% Group AB African Americans: 49% Group O, 27% Group A, 27% Group B, 4% Group AB Rh Approximately 15% of Americans are Rh negative. Antibody Screen: Negative If a Positive antibody screen is detected, additional necessary pre-transfusion testing will be initiated automatically. If the patient has been transfused or pregnant in the past 3 months a Type and Screen is only considered valid for 3 days, and repeat samples must be obtained. If the intended recipient has not been pregnant or transfused within the last 3 months, the pre-transfusion blood sample may be used for up to 21 days for crossmatching (the antibody screen must be performed on serum which is no more than 1 day old.)
2610	Unfractionated Heparin Xa Inhibition Assay	Therapeutic Heparin Range: 0.3-0.7 U/mL
5506	Urea Nitrogen, Urine	12-20 grams/24 hours
9506	Urea Nitrogen, Urine Random	None established

Test ID	Order Code Name	Reference Range Information
514	Uric Acid	Female 0-14 days: 2.7-12.6 mg/dL 15 days - <1 year: 1.5-6.2 mg/dL 1 - <12 years: 1.7-4.7 mg/dL 12 - <19 years: 2.5-5.7 mg/dL >=19 years: 2.4-5.7 mg/dL Male 0 - 14 days: 2.6-12.6 mg/dL 15 days - <1 year: 1.5-6.2 mg/dL 1 - <12 years: 1.7-4.7 mg/dL 12 - <19 years: 2.5-7.5 mg/dL >=19 years: 2.4 - 5.7 mg/dL
5513	Uric Acid Clearance	5.4-12.6 mL/min
2781	Uric Acid Post Rasburicase	Female 0-14 days: 2.7-12.6 mg/dL 15 days - <1 year: 1.5-6.2 mg/dL 1 - <12 years: 1.7-4.7 mg/dL 12 - <19 years: 2.5-5.7 mg/dL >=19 years: 2.4-5.7 mg/dL Male 0 - 14 days: 2.6-12.6 mg/dL 15 days - <1 year: 1.5-6.2 mg/dL 1 - <12 years: 1.7-4.7 mg/dL 12 - <19 years: 2.5-7.5 mg/dL >=19 years: 2.4 - 5.7 mg/dL
5934	Uric Acid, Fluid	None established
9516	Uric Acid, Urine Random	None established
5514	Uric Acid, Urine Timed	250-750 mg/24 hours
6620	Urinalysis, Complete	Specific gravity: 1.005-1.030 pH: 5.0-8.0 Protein: Negative Glucose: Negative Ketones: Negative Bilirubin: Negative Urobilinogen: 0.1-1.0 EU Leukocyte Esterase: Negative Nitrites: Negative Bacteria: Negative WBC: 0-5/HPF RBC: 0-4/HPF Mucous threads: Not significant Epithelial Cells, Squamous: Not significant Epithelial Cells, Renal: Rare Casts, Hyaline: 0-2/HPF Crystals: None seen

Test ID	Order Code Name	Reference Range Information		
6650	Urinalysis, Macroscopic	Specific gravity: 1.005-1.030 pH: 5.0-8.0 Protein: Negative Glucose: Negative Ketones: Negative Bilirubin: Negative Urobilinogen: 0.1-1.0 EU Leukocyte Esterase: Negative Nitrites: Negative		
6660	Urinalysis, Microscopic	Bacteria: Negative WBC: 0-5/HPF RBC: 0-4/HPF Mucous Threads: Not significant Epithelial Cells, Squamous: Not significant Epithelial Cells, Renal: Rare Casts, Hyaline: 0-2/HPF Crystals: None seen		
2983	USCIS/I-693 RPR	Nonreactive Please note a REACTIVE result will reflex both RPR Quantitation and Syphilis Ab, total tests.		
1864	VAGINOSIS PANEL NAA	Not detected		
5434	Valproic Acid (Depakene)	50-100 mg/L CRITICAL VALUES: >150 mg/L		
131	Vancomycin, Peak	25-40 ug/mL		
135	Vancomycin, Random	0-40 ug/mL		
132	Vancomycin, Trough	5-15 ug/mL		
4434	Varicella Zoster Virus (VZV) Antibodies (IgG)	<=0.8 AI: Negative Presumed non-immune to VZV >0.8 - 1.0 AI: Equivocal >1.0 AI: Positive Presumed immune to VZV		
1155	Varicella-Zoster Virus (VZV) DNA Detection	Negative		
1638	Vasculitis Screening Panel	Proteinase 3 Antibodies, IgG Negative: <1.0 AI Positive: >= 1.0 AI Myeloperoxidase Antibodies, IgG Negative: <1.0 AI Positive: >= 1.0 AI		
4525	Vegetable Allergen Panel	IgE kU/L	Class	Interpretation
		<0.10	Class 0	Negative
		0.10 - 0.34	Class 0/1	Equivocal/Borderline
		0.35 - 0.69	Class 1	Equivocal
		0.70 - 3.49	Class 2	Positive
		3.50 - 17.49	Class 3	Positive
		17.50 - 49.99	Class 4	Strongly Positive
		50.00 - 99.99	Class 5	Strongly Positive
		>=100.00	Class 6	Strongly Positive

Laboratory Reference Ranges

Test ID	Order Code Name	Reference Range Information		
5225	Venous Blood Gases	Venous pH: 7.31-7.42 pCO2: 41-51 mmHg pO2: 20-50 mmHg HCO3: 22-28 meq/L Total CO2: 23-29 meq/L Oxygen Saturation: 60-85% Base Excess: -2 to +2		
5212	Vitamin B12	211-946 pg/mL		
5810	Vitamin D 25 Hydroxy	<20 ng/mL Deficiency 21 - 29 ng/mL Insufficiency 30 - 80 ng/mL Optimal Levels >80 ng/mL Potential Toxicity; most patients with toxicity have values >150 ng/mL		
6028	Von Willebrand Factor Antigen	50-150% Activity		
1894	Walnut Allergy Component Panel	IgE kU/L	Class	Interpretation
		<0.10	Class 0	Negative
		0.10 - 0.34	Class 0/1	Equivocal/Borderline
		0.35 - 0.69	Class 1	Equivocal
		0.70 - 3.49	Class 2	Positive
		3.50 - 17.49	Class 3	Positive
		17.50 - 49.99	Class 4	Strongly Positive
		50.00 - 99.99	Class 5	Strongly Positive
		>=100.00	Class 6	Strongly Positive
658	WBC (White Blood Count)	0-1 day: 9.0-34.0 2-28 days: 5.0-19.5 29-181 days: 6.0-17.5 >181 days: 4.0-10.0 CRITICAL VALUES <1,000 or >50,000/mm3 PAT/ASU Samples: <2,000 or >25,000/mm3		
4446	Weed Allergen Panel 1	IgE kU/L	Class	Interpretation
		<0.10	Class 0	Negative
		0.10 - 0.34	Class 0/1	Equivocal/Borderline
		0.35 - 0.69	Class 1	Equivocal
		0.70 - 3.49	Class 2	Positive
		3.50 - 17.49	Class 3	Positive
		17.50 - 49.99	Class 4	Strongly Positive
		50.00 - 99.99	Class 5	Strongly Positive
		>=100.00	Class 6	Strongly Positive
3201	Worm Identification	Identification of organism		
9824	FISH POSTNATAL PANEL	2 DNA signals for chromosomes 13, 18 and 21 plus 2 signals for X or 1 signal for X and 1 signal for Y		