Test Definition: RPR18

Respiratory Profile, Region 18, Alaska

Reporting Title: Resp Profile, Reg 18, Alaska
Performing Location: Rochester

Specimen Requirements:

Container/Tube:
Preferred: Red top
Acceptable: Serum gel
Specimen Volume: 1.1 mL
Additional Information: See Allergens-IgE Antibodies in Special Instructions
Forms: If not ordering electronically, submit an Allergen Request Form (Supply T236) with the specimen.

Specimen Type	Temperature	Time
Serum	Refrigerated (preferred)	14 days
	Frozen	14 days

Result Codes:

Result ID	Reporting Name	Type	Unit	LOINC®
IGE	Immunoglobulin E (IgE), S **Also used by tests: IGE**	Numeric	kU/L	19113-0
DP	House Dust Mites/D.P., IgE **Also used by tests: DP**	Numeric	kU/L	6096-2
DF	House Dust Mites/D.F., IgE **Also used by tests: DF**	Numeric	kU/L	6095-4
CAT	Cat Epithelium, IgE **Also used by tests: CAT**	Numeric	kU/L	6833-8
DOGD	Dog Dander, IgE **Also used by tests: DOGD**	Numeric	kU/L	6098-8
TIMG	Timothy Grass, IgE **Also used by tests: TIMG**	Numeric	kU/L	6265-3
COCR	Cockroach, IgE **Also used by tests: COCR**	Numeric	kU/L	30170-5
PENL	Penicillium, IgE **Also used by tests: PENL**	Numeric	kU/L	In Process

Result ID	Reporting Name	Type	Unit	LOINC®
CLAD	Cladosporium, IgE **Also used by tests: CLAD**	Numeric	kU/L	53760-5
ASP	Aspergillus Fumigatus, IgE **Also used by tests: ASP**	Numeric	kU/L	6025-1
ALTN	Alternaria Tenuis, IgE **Also used by tests: ALTN**	Numeric	kU/L	6020-2
ALDR	Grey Alder, IgE **Also used by tests: ALDR**	Numeric	kU/L	15284-3
BIR	Silver Birch, IgE **Also used by tests: BIR**	Numeric	kU/L	15283-5
CTWD	Cottonwood, IgE **Also used by tests: CTWD**	Numeric	kU/L	6090-5
MUG	Mugwort, IgE **Also used by tests: MUG**	Numeric	kU/L	6183-8
SORR	Red Sorrel, IgE **Also used by tests: SORR**	Numeric	kU/L	6244-8

Components:

Test ID	Reporting Name	CPT Units	CPT Code	Always Performed	Orderable Separately
IGE	Immunoglobulin E (IgE), S	1	82785	Yes	Yes
DP	House Dust Mites/D.P., IgE	1	86003	Yes	Yes
DF	House Dust Mites/D.F., IgE	1	86003	Yes	Yes
CAT	Cat Epithelium, IgE	1	86003	Yes	Yes
DOGD	Dog Dander, IgE	1	86003	Yes	Yes
TIMG	Timothy Grass, IgE	1	86003	Yes	Yes
COCR	Cockroach, IgE	1	86003	Yes	Yes
PENL	Penicillium, IgE	1	86003	Yes	Yes
CLAD	Cladosporium, IgE	1	86003	Yes	Yes
ASP	Aspergillus Fumigatus, IgE	1	86003	Yes	Yes

Test ID	Reporting Name	CPT Units	CPT Code	Always Performed	Orderable Separately
ALTN	Alternaria Tenuis, IgE	1	86003	Yes	Yes
ALDR	Grey Alder, IgE	1	86003	Yes	Yes
BIR	Silver Birch, IgE	1	86003	Yes	Yes
CTWD	Cottonwood, IgE	1	86003	Yes	Yes
MUG	Mugwort, IgE	1	86003	Yes	Yes
SORR	Red Sorrel, IgE	1	86003	Yes	Yes

Reference Values:

Specific IgE:

Class	IgE kU/L	Interpretation
0	<0.35	Negative
1	0.35-0.69	Equivocal
2	0.70-3.49	Positive
3	3.50-17.4	Positive
4	17.5-49.9	Strongly positive
5	50.0-99.9	Strongly positive
6	> or =100	Strongly positive

Reference values apply to all ages.

Total IgE:

Results Reported in 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
Adults	13.2	41.0	127.0