Test Definition: RPR12

Respiratory Profile, Region 12, Arid Southwest (Southern AZ Desert, Southern CA Desert)

Reporting Title: Resp Profile, Reg 12, Arid SW
Performing Location: Rochester

Specimen Requirements:

Container/Tube:
Preferred: Red top
Acceptable: Serum gel
Specimen Volume: 1.5 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
BERG	Bermuda Grass, IgE **Also used by tests: BERG**	Numeric	kU/L	6041-8
RYEG	Rye Grass, IgE **Also used by tests: RYEG**	Numeric	kU/L	7369-2
JOHN	Johnson Grass, IgE **Also used by tests: JOHN**	Numeric	kU/L	6152-3

Result ID	Reporting Name	Type	Unit	LOINC®
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
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
OLIV	Olive-Tree, IgE **Also used by tests: OLIV**	Numeric	kU/L	6192-9
CED	Mountain Cedar, IgE **Also used by tests: CED**	Numeric	kU/L	6178-8
OAK	Oak, IgE **Also used by tests: OAK**	Numeric	kU/L	6189-5
ELM	Elm, IgE **Also used by tests: ELM**	Numeric	kU/L	6109-3
CTWD	Cottonwood, IgE **Also used by tests: CTWD**	Numeric	kU/L	6090-5
ACAC	Acacia, IgE **Also used by tests: ACAC**	Numeric	kU/L	6015-2
SRW	Short Ragweed, IgE **Also used by tests: SRW**	Numeric	kU/L	6085-5
MUG	Mugwort, IgE **Also used by tests: MUG**	Numeric	kU/L	6183-8
RRRP	Rough Pigweed, IgE **Also used by tests: RRRP**	Numeric	kU/L	6233-1
RUSS	Russian Thistle, IgE **Also used by tests: RUSS**	Numeric	kU/L	6234-9

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
BERG	Bermuda Grass, IgE	1	86003	Yes	Yes
RYEG	Rye Grass, IgE	1	86003	Yes	Yes
JOHN	Johnson 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
ALTN	Alternaria Tenuis, IgE	1	86003	Yes	Yes
OLIV	Olive-Tree, IgE	1	86003	Yes	Yes
CED	Mountain Cedar, IgE	1	86003	Yes	Yes
OAK	Oak, IgE	1	86003	Yes	Yes
ELM	Elm, IgE	1	86003	Yes	Yes
CTWD	Cottonwood, IgE	1	86003	Yes	Yes
ACAC	Acacia, IgE	1	86003	Yes	Yes
SRW	Short Ragweed, IgE	1	86003	Yes	Yes
MUG	Mugwort, IgE	1	86003	Yes	Yes
RRRP	Rough Pigweed, IgE	1	86003	Yes	Yes
RUSS	Russian Thistle, 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