

ALLERGEN
SPECIFIC
IGE,
SERUM

Orderable - RASTI + Allergen Code

Turn Around Time: 15 days

Alternate Name(s):

Immunoglobulin E, Allergen Specific
RAST Test

Specimen:

Adult	Pediatric
5 mL Gold top Vacutainer tube or 6 mL Red top Vacutainer tube	0-2 years: Red 0.5 mL Microtainer (this volume sufficient for maximum of 2 allergens) 2-10 years: 2 mL Red top (this volume sufficient for 10-12 allergens)
Each test requires 50 µL and 2 mL is sufficient for 10-12 tests.	

Collection Information:

Allergen must be specified.

****NOTE: RASTI** must be ordered once with each set of allergens on the same accession number. This adds interpretative information to the report.

The following are approved orderable allergens – Cerner Code

Almond (f20)
Alternaria tenuis (m6)
Aspergillus fumigatus (m3)
Aspergillus niger (m207)
Beef (f27)
Brazil Nut (f18)
Candida albicans (m5)
Cashew Nut (f202)
Cat Dander (e1)
Cedar Pollen (t212)
Cefaclor (c7)



Laboratory:
Core Lab



Requisition:
GENERAL LABORATORY
REQUISITION



Method of Analysis:
PHADIA IMMUNOCAP
(Fluorescent Enzyme
Immunoassay)



Test Schedule:
Referred out Monday-
Thursday



Referred Out Location:
[In-Common Laboratories](#)



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Cladosporium herbarum (m2)
Clam (f207)
Cockroach, German (i6)
Cod (f3)
Common Ragweed (w1)
Common Silver Birch (t3)
Cow's Milk (f2)
Crab (f23)
Derm. farinae (d2)
Derm. pteronyssinus (d1)
Dog Dander (e5)
Egg White (f1)
Egg Yolk (f75)
Grass Mix 1 (gx1)
Grass Mix 2 (gx2)
Halibut (f303)
Hazel Nut (f17)
Hollister-Steir Dust (h2)
Honey Bee Venom (i1)
Horse Dander (e3)
Latex (k82)
Lobster (f80)
Mucor racemosus (m4)
Mugwort Pollen (w6)
Mussels (f37)
Octopus (f59)
Oyster (f290)
Paper Wasp Venom (i4)
Peanut (f13)
Pecan Nut (f201)
Penicillium notatum (m1)
Penicilloyl G (c1)
Penicilloyl V (c2)
Pine Nut (f253)
Pistachio Nut (f203)
rARA h2 Peanut (f423)
Salmon (f41)
Scallops (f338)
Sesame Seed (f10)
Shrimp (f24)
Soya Bean (f14)
Squid (f258)
Sunflower Seed (k84)
Tilapia (f414)
Tomato (f25)
Tree Mix (tx4)
Tree Mix (tx6)
Trout (f204)
Tuna (f40)
Walnut (f256)



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Weed Mix (wx3)
Wheat (f4)
White-Faced Hornet (i2)
Yellow Hornet Venom (i5)
Yellow Jacket Venom (i3)

Reference Ranges:

IgE Activity Allergy Index:	
<0.35 kU/L 0:	No sensitivity
0.35 - 0.69 kU/L 1:	Low
0.70 – 3.49 kU/L 2:	Moderate
3.50 – 17.49 kU/L 3:	High
17.50 – 49.99 kU/L 4:	Very High
50.00 – 100.00 kU/L 5:	Very High
>100.00 kU/L 6:	Extremely High

Interpretive Comments:

Clinician must determine clinical significance of specific IgE result after correlation with clinical exam and history.

Detectable levels are present in patients with allergic disease and in approx. 15% of asymptomatic healthy persons. Some with classic atopic symptoms may not have detectable levels. Specific IgE may decrease with time and lack of exposure to allergens.

Use caution when interpreting drug, venom and potential anaphylactic allergen results.

Comments:

Testing limited to 10 allergens and to LHSC/SJH Allergists, Clinical Pharmacologists and Pediatric Respirologists.

All other test requests will require approval by the Clinical Biochemist.

Storage and Shipment:

Store and ship frozen.