



Laboratory Service Manual

Lab Dept: Chemistry

Test Name: ALLERGEN CHILDHOOD PROFILE <3 YRS

General Information

Lab Order Codes: CHILD

Synonyms: Allergy testing; Immunocap Childhood Profile; (RAST)

CPT Codes: 86003 X12– Allergen specific IgE; quantitative or semi quantitative, for each allergen

82785 – IgE, Total

Test Includes: IgE antibody level specific to Egg White, Fish (Cod), Milk (Cow), Peanut, Soybean, Wheat, Dust mite, Alternaria (Mold), Cat dander, Dog dander, Cockroach, Cladosporium herbarum (Hormodendrum) reported in kU/L and Total IgE reported in IU/mL.

Logistics

Test Indications: The childhood allergy profile is a pre-selected panel of the most common allergens involved in childhood allergic disease for children under 3 years of age.

Lab Testing Sections: Chemistry

Phone Numbers:

Minneapolis: 612-813-6280

Saint Paul: 651-220-6550

Test Availability: Daily, 24 hours

Turnaround Time: 1 – 4 days, set up Monday, Wednesday, Thursday

Special Instructions: N/A

Specimen

Specimen Type: Blood

Container: Red top (plain, no gel) tube

Draw Volume: 6 mL (Minimum: 4.5 mL) blood



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Processed Volume: 2 mL (Minimum: 1.5 mL) serum

Collection: Routine venipuncture

Special Processing: Lab Staff: Centrifuge specimen, remove serum aliquot into plastic sample cup. Store at refrigerated temperatures.

Patient Preparation: None

Sample Rejection: Mislabeled or unlabeled specimen

Interpretive

Reference Range:

Interpretive Information:	
kU/L	Level of Allergen Specific IgE Antibody
<0.35	Absent/Undetectable
0.35 - 0.69	Equivocal
0.70 - 3.49	Weakly Positive
3.50 - 17.49	Moderately Positive
17.5 – 49.99	Positive
50 - 100	Strongly Positive
>100	Very Strongly Positive

Critical Values: N/A

Limitations: Allergens <0.35 kU/L will be reported as Absent/Undetectable

Methodology: Phadia Immucap 250

References: Thermo Fisher, 200 Portage Road, Kalamazoo, MI, November 2004
 Immucap 250 Specific IgE Procedure, Revised, August 2010, Phadia, AB, Uppsala, Sweden

Updates: 6/21/2006: Addition of Cladosporium to the panel additional CPT making 12 allergens in the panel. Expanded reference range table.
 12/20/2011: Reference range table updated. Removed Class designations.



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