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**Lab Dept:** Chemistry

**Test Name:** ALLERGEN CHILDHOOD PROFILE <3 YRS

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**General Information**

**Lab Order Codes:** CHILD

**Note:** Because some allergens overlap between panels, special Order Codes have been created for the combination of panels. If you plan on ordering more than one panel, please use the following orderables to prevent duplication:

MNFD: Respiratory Profile (>3 yrs) + Food Panel

CHIFD: Childhood Profile (<3 yrs) + Food Panel

MNCHI: Respiratory Profile (>3 yrs) + Childhood Profile (<3 years)

**Synonyms:** Allergy testing; Immunocap Childhood Profile, Allergy march profile

**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.

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**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:** MIN Lab: 612-813-6280

STP Lab: 651-220-6550

**Test Availability:** Daily, 24 hours

**Turnaround Time:** 1 – 3 days, set up Monday - Friday

**Special Instructions:** N/A

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**Specimen**

<b>Specimen Type:</b>	Blood
<b>Container:</b>	Red NO GEL tube
<b>Draw Volume:</b>	6 mL (Minimum: 4.5 mL) blood
<b>Processed Volume:</b>	2 mL (Minimum: 1.5 mL) serum
<b>Collection:</b>	Routine venipuncture
<b>Special Processing:</b>	Lab Staff: Centrifuge specimen, remove serum aliquot into plastic sample cup. Store at refrigerated temperatures.
<b>Patient Preparation:</b>	None
<b>Sample Rejection:</b>	Mislabeled or unlabeled specimen

***Interpretive***

**Reference Range:**

<b>Interpretive Information:</b>	
<b>kU/L</b>	<b>Level of Allergen Specific IgE Antibody</b>
<b>Peanut ONLY</b>	
<0.10	Absent
0.10 – 0.34	Equivocal/Low
<b>Fish (Cod), Milk (Cow) Soybean, Wheat, Clam, Corn (Maize), Scallop, Shrimp and Walnut</b>	
<0.10	Absent
<b>All Panel Allergens: Fish (Cod), Milk (Cow), Peanut, Soybean, Wheat, Clam, Corn (Maize), Scallop, Shrimp and Walnut</b>	
<0.10	Absent
0.10 – 0.34	Equivocal/Low
0.35 - 0.69	Low
0.70 - 3.49	Medium

3.50 - 17.49	High
17.5 – 49.99	Very High
50.00 – 100.00	Very High
>100.00	Very High

**Critical Values:**

N/A

**Limitations:**

N/A

**Methodology:**

Phadia Immunocap 250

**References:**

Thermo Fisher, 200 Portage Road, Kalamazoo, MI, November 2004  
 Immunocap 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.  
 12/4/2014: Combination codes included under orderables.  
 2/9/2016: Update container types  
 3/30/2016: Update containers/TAT  
 4/11/2016: Update Peanut reference ranges.  
 9/18/2018: Updated reference ranges  
 1/17/2019: Updated Profile names for combination orders  
 10/29/2020: Updated tube and draw requirements.  
 5/3/2023: Added synonym "allergy march profile"