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**Lab Dept:** Chemistry

**Test Name:** ALLERGEN FOOD PANEL

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***General Information***

**Lab Order Codes:** FOOD

**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: Respiratory Profile (<3 yrs) + Food Panel

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

**Synonyms:** Allergy testing; Immunocap FOOD Panel

**CPT Codes:** 86003 x10 – 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, Clam, Corn (Maize), Scallop, Shrimp and Walnut reported in kU/L and Total IgE reported in IU/mL.

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***Logistics***

**Test Indications:** The food allergy panel is a pre-selected grouping of the most common allergens involved in childhood food allergies.

**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***

**Specimen Type:** Blood

**Container:** SST-Serum Separator (Red, marble or gold top tube)

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

**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

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***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:<br/>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   |

|                |           |
|----------------|-----------|
| 17.50 – 49.99  | Very High |
| 50.00 – 100.00 | Very High |
| >100.00        | Very High |

**Critical Values:**

N/A

**Limitations:**

N/A

**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:**

12/20/2011: Updated reference range table. Remove Class designations.

12/4/2014: Combination codes included under orderables.

2/9/2016: Update container types

3/30/2016: Update container types, TAT

4/11/2016: Updated ref ranges for Peanut.

9/18/2018: Updated ref ranges