
Lab Dept: Chemistry

Test Name: ALLERGEN FOOD PANEL

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.

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

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

Interpretive

Reference Range:

Interpretive Information:	
kU/L	Level of Allergen Specific IgE Antibody
Peanut ONLY	
<0.1	Absent/Undetectable
0.1 – 0.34	Equivocal/borderline
Fish (Cod), Milk (Cow) Soybean, Wheat, Clam, Corn (Maize), Scallop, Shrimp and Walnut	
<0.35	Absent/Undetectable
All Panel Allergens: Fish (Cod), Milk (Cow), Peanut, Soybean, Wheat, Clam, Corn (Maize), Scallop, Shrimp and Walnut	
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
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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.