



Laboratory Service Manual

Lab Dept: Chemistry

Test Name: ALLERGEN FOOD PANEL

General Information

Lab Order Codes: FOOD

Synonyms: Allergy testing; Immunocap FOOD Panel; (RAST)

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, 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:

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

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



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