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**Lab Dept:** Chemistry

**Test Name:** TREE NUT PANEL

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***General Information***

**Lab Order Codes:** TRNP

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

**CPT Codes:** 86003 x7 – Allergen specific IgE; quantitative or semi quantitative, for each allergen

**Test Includes:** IgE antibody level specific to Almond, Brazil nut, Cashew, Hazelnut, Pecan, Pistachio, and Walnut reported in kU/L.

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***Logistics***

**Test indications:** The Tree Nut panel is a pre-selected grouping of the most common allergens involved in tree nut 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:** Red NO GEL tube

**Draw Volume:** 4.5 mL (Minimum: 3.5 mL) blood

**Processed Volume:** 3 mL (Minimum: 2 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; Unlabeled specimens

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***Interpretive***

| Reference Range: Negative   |        |                 |
|---|--------|-----------------|
| Interpretive Information:   |        |                 |
| kU/L:   | Class: | Interpretation: |
| <0.10   | 0      | Absent          |
| 0.10 – 0.34   | 0/I    | Equivocal Low   |
| 0.35 – 0.69   | I      | Low             |
| 0.70 – 3.49   | II     | Medium          |
| 3.50 – 17.49  | III    | High            |
| 17.50 – 49.99   | IV     | Very High       |
| 50.00 – 100.00  | V      | Very High       |
| > 100.00  | VI     | Very High       |
| <b>Note:</b> Results will also be reported in kU/L for individual allergens |        |                 |

**Critical Values:** N/A

**Limitations:** Allergens <0.34 kU/L will be reported as Negative.

**Methodology:** ImmunoCAP allergen-specific IgE assay is a fluoroenzymeimmunoassay (FEIA), built on a classic sandwich technique.

**References:** Phadia Inc Thermo Scientific (April 2007) 4169 Commercial Avenue, Portage, MI 49002 <http://www.phadia.us>

**Updates:**

