

## TEST CHANGE

### Allergen, Food, Tree Nuts With Reflex to Components, IgE

3018799, TNUT PAN R

#### Specimen Requirements:

Patient Preparation: Multiple patient encounters should be avoided.

Collect: Plain red or serum~~Serum~~ separator tube (SST)~~-~~

Specimen Preparation: Separate serum from cells ASAP or within 2 hours of collection. Transfer 2.0-5 mL serum to an ARUP standard transport tube. (Min: 1.5 mL plus 0.04 mL for each additional allergen ordered~~mL~~). For multiple allergen orders refer to "Allergen Specimen Collection Instructions" at [www.aruplab.com/testing/resources/specimen\\_](http://www.aruplab.com/testing/resources/specimen_)

Transport Temperature: Refrigerated

Unacceptable Conditions: Postmortem samples

#### Remarks:

Stability: After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 month

Methodology: Quantitative ImmunoCAP Fluorescent Enzyme Immunoassay

Performed: Sun-Sat

Reported: 1-3 days

Note: This assay will initially test brazil nut, cashew, pistachio, hazelnut, walnut, pecan, almond. If the brazil nut whole allergen result is greater than or equal to 0.1 kU/L, the brazil nut component Ber e 1 will be ordered. If the cashew whole allergen result is greater than or equal to 0.1 kU/L, the cashew component Ana o 3 will be ordered. If the hazelnut whole allergen result is greater than or equal to 0.1 kU/L, the hazelnut components Cor a 1, Cor a 8, Cor a 9, Cor a 14 will be ordered. If the walnut whole allergen result is greater than or equal to 0.1 kU/L, the walnut components Jug r 1 and Jug r 3 will be ordered. Additional charges apply.

CPT Codes: 86003 x7; if reflexed, add 86008 per component

New York DOH Approval Status: This test is New York DOH approved.

#### Interpretive Data:

Allergen results of 0.10-0.34 kU/L are intended for specialist use as the clinical relevance is undetermined. Even though increasing ranges are reflective of increasing concentrations of allergen-specific IgE, these concentrations may not correlate with the degree of clinical response or skin testing results when challenged with a specific allergen. The correlation of allergy laboratory results with clinical history and in vivo reactivity to specific allergens is essential. A negative test may not rule out clinical allergy or even anaphylaxis.

Reporting Range (reported in Ku/L)	Probability of IgE Mediated Clinical Reaction	Class Scoring
Less than 0.10	No significant level detected	0
0.10-0.34	Clinical relevance undetermined	0/1
0.35-0.70	Low	1
0.71-3.50	Moderate	2
3.51-17.50	High	3
17.51-50.00	Very high	4
50.01-100.00	Very high	5
Greater than 100.00	Very high	6

**Reference Interval:**

Test Number	Components	Reference Interval
	Allergen, Food, Almond IgE	Less than or equal to 0.34 kU/L
	Allergen, Food, Brazil Nut IgE	Less than or equal to 0.34 kU/L
	Allergen, Food, Cashew IgE	Less than or equal to 0.34 kU/L
	Allergen, Food, Pecan IgE	Less than or equal to 0.34 kU/L
	Allergen, Food, Hazelnut IgE	Less than or equal to 0.34 kU/L
	Allergen, Food, Pistachio IgE	Less than or equal to 0.34 kU/L
	Allergen, Food, Walnut (Juglans spp) IgE	Less than or equal to 0.34 kU/L