

**Overview**
**Method Name**

Phadia ImmunoCAP

**NY State Available**

Yes

**Specimen**
**Specimen Type**

Serum

**Specimen Required**
**Specimen Type:** Serum

**Container/Tube:** Red or SST

**Specimen Volume:** 0.5 mL

**Collection Instructions:** Draw blood in a plain red-top tube(s), serum gel tube is acceptable. Spin down and send 0.5 mL of serum refrigerated in a plastic vial.

**Specimen Minimum Volume**

0.5 mL

**Reject Due To**

Hemolysis:	Mild OK; Gross Reject
Thawing:	Warm OK; Cold OK
Lipemia:	Mild Reject; Gross Reject
Icterus:	NA
Other:	NA

**Specimen Stability Information**

Specimen Type	Temperature	Time	Special Container
Serum	Refrigerated (preferred)	28 days	
	Frozen	365 days	
	Ambient	28 days	

**Clinical and Interpretive**
**Clinical Information**

This assay is used to detect allergen specific-IgE using the ImmunoCAP® FEIA method. In vitro allergy testing is the primary testing mode for allergy diagnosis.

### Reference Values

<0.10 kU/L

### Interpretation

Class	IgE (kU/L)	Comment
0	<0.10	Negative
0/1	0.10 - 0.34	Equivocal/Borderline
1	0.35 - 0.69	Low Positive
2	0.70 - 3.49	Moderate Positive
3	3.50 - 17.49	High Positive
4	17.50 - 49.99	Very High Positive
5	50.00 - 99.99	Very High Positive
6	>99.99	Very High Positive

### Clinical Reference

Borja J et al. Anaphylaxis from Brazil nut. *Allergy* 54, 1999 / 1004-1013. Clark A et al. Cashew nut causes more severe reactions than peanut: case-matched comparison in 141 children. *Allergy* 2007; 62(8): 913-6. Davoren M et al. Cashew nut allergy is associated with a high risk of anaphylaxis. *Arch Dis Child* 2005; 90(10): 1084-5. Egger m et al. The Role of Lipid Transfer Proteins in Allergic Diseases. *Curr Allergy Asthma Rep* 2010; 10:326-335. Masthoff L et al. A systematic review of the effect of thermal processing on the allergenicity of tree nuts. *Allergy*. 2013; 68: 983-993. Pastorello E et al. Lipid transfer protein and vicilin are important walnut allergens in patients not allergic to pollen. *J Allergy Clin Immunol* 2004; 114(4): 908-14. Robotham J et al. Ana o 3, an important cashew nut (*Anacardium occidentale* L.) allergen of the 2S albumin family. *J Allergy Clin Immunol*. 2005; 115(6): 1284-90. Rosenfeld L et al. Walnut Allergy in Peanut-Allergic Patients: Significance of Sequential Epitopes of Walnut Homologous to Linear Epitopes of Ara h 1, 2 and 3 in Relation to Clinical Reactivity. *Int Arch Allergy Immunol*. 2012; 157: 238-245. Roux K et al. Tree nut allergens. *Int Arch Allergy Immunology* 2003; 131: 234-244. Wang F et al. Ana o 2, a major cashew (*Anacardium occidentale* L.) nut allergen of the legumin family. *Int Arch Allergy Immunol*. 2003 Sep; 132(1): 27-39. [www.phadia.com](http://www.phadia.com)

### Performance

#### PDF Report

No

#### Day(s) and Time(s) Test Performed

Monday through Friday

#### Analytic Time

1-2 days

#### Maximum Laboratory Time

3-6 days

#### Performing Laboratory Location

Viracor Eurofins

**Fees and Codes****Fees**

- Authorized users can sign in to [Test Prices](#) for detailed fee information.
- Clients without access to Test Prices can contact [Customer Service](#) 24 hours a day, seven days a week.
- Prospective clients should contact their Regional Manager. For assistance, contact [Customer Service](#).

**Test Classification**

This test has been cleared or approved for diagnostic use by the U.S. Food and Drug Administration.

**CPT Code Information**

86008

**LOINC® Information**

Test ID	Test Order Name	Order LOINC Value
FCCA3	Cashew Component rAna o 3	82539-8

Result ID	Test Result Name	Result LOINC Value
Z5621	Cashew Component rAna o 3	82539-8
Z5622	Class	82540-6