



## Tilapia, IgE, Serum

**Test ID:** TILAP

### Useful for:

Establishing the diagnosis of an allergy to Tilapia

Defining the allergen responsible for eliciting signs and symptoms

Identifying allergens:

- Responsible for allergic disease and/or anaphylactic episode
- To confirm sensitization prior to beginning immunotherapy
- To investigate the specificity of allergic reactions to insect venom allergens, drugs, or chemical allergens

Testing for IgE antibodies is **not useful** in patients previously treated with immunotherapy to determine if residual clinical sensitivity exists, or in patients in whom the medical management does not depend upon identification of allergen specificity.

### Methods:

Fluorescence Enzyme Immunoassay (FEIA)

### Reference Values:

Class	IgE kU/L	Interpretation
0	<0.10	Negative
0/1	0.10-0.34	Borderline / Equivocal
1	0.35-0.69	Equivocal
2	0.70-3.49	Positive
3	3.50-17.4	Positive
4	17.5-49.9	Strongly positive
5	50.0-99.9	Strongly positive
6	> or =100	Strongly positive

Concentrations > or =0.70 kU/L (Class 2 and above) will flag as abnormally high.

## Specimen Requirements:

### Container/Tube:

**Preferred:** Serum Gel

**Acceptable:** Red top

**Specimen Volume:** 0.5 mL for every 5 allergens requested

**Collection Instructions:** Centrifuge and aliquot serum into a plastic vial.

**Minimum Volume:** For 1 allergen: 0.3 mL  
More than 1 allergen: (0.05 mL x number of allergens) + 0.25 mL dead space

## Specimen Stability Information:

Specimen Type	Temperature	Time
Serum	Refrigerated (preferred)	14 days
	Frozen	90 days

## CPT Code:

86003

**Day(s) Performed:** Monday through Friday

**Report Available:** 1 to 3 days

## Note:

The following referral test code(s) will become obsolete.

Test Name	Test ID	Referral Lab Code	Referral Lab
Tilapia IgE	FFTIL	38010E	Eurofins Viracor, Interface

## Questions

Contact Bethany Feind, Laboratory Resource Coordinator at 800-533-1710.