

## Sesame Seed, IgE, with Reflex to Sesame Seed Component, IgE, Serum

**Test ID:** SESPF

**Useful for:**

Evaluating patients with suspected sesame seed allergy

**Reflex Tests:**

Test ID	Reporting Name	Available Separately	Always Performed
SESPR	Sesame Seed Component, IgE, S	No	No

**Methods:**

Fluorescent 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

**Specimen Requirements:**

**Supplies** Sarstedt Aliquot Tube, 5 mL (T914)

**Container/Tube:**

**Preferred:** Serum Gel

**Acceptable:** Red top

**Submission Container/Tube:** Plastic vial  
**Specimen Volume:** 0.6 mL  
**Collection Instructions:** Centrifuge and aliquot serum into a plastic vial.  
**Minimum Volume:** 0.4 mL

**Specimen Stability Information:**

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

**Cautions:**

Positive results for IgE antibody against total sesame seed IgE or specific component IgE indicate the sensitization to sesame seed or cross-reactive allergen only. Cross-reactivity and co-sensitization have been documented between allergens in sesame seed and various other foods, including, but not limited to, peanuts, hazelnuts, walnuts, black walnuts, cashews, macadamia nuts, pistachios, kiwis, rye, and poppy seeds. A positive result cannot be exclusively used for diagnosis of sesame seed-related allergy.

Negative results of total antibody against sesame seed IgE or sesame seed specific IgE antibody components only suggest the absence of sensitization to potential allergenic components of sesame seeds. A negative result does not exclude the possibility of allergy to sesame seeds.

IgE antibody testing may not offer useful results in patients previously treated with immunotherapy to ascertain residual clinical sensitivity or in cases where the medical management does not rely on the identification of allergen specificity.

False-positive results for IgE antibodies may manifest in patients with significantly elevated serum IgE levels (>2500 kU/L) due to nonspecific binding to allergen solid phases.

**CPT Code:**

86003

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

**Report Available:** Same day/1 to 3 days

**Questions**

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