



## Cat Epithelium, IgE, with Reflex to Cat Epithelium Components, IgE, Serum

**Test ID:** CATPF

**Useful for:**

Evaluating patients with suspected cat allergy.

**Reflex Tests:**

Test ID	Reporting Name	Available Separately	Always Performed
CATPR	Cat Epithelium Components, IgE, S	No	No

**Methods:**

Fluorescent Enzyme Immunoassay (FEIA)

**Reference Values:**

Testing begins with analysis of cat epithelium IgE. If cat epithelium IgE is negative (<0.10 kU/L), testing is complete.

If cat epithelium IgE is 0.10 kU/L or more, then CATPR - 4 cat epithelium components (Fel d 1, Fel d 2, Fel d 4, Fel d 7) will be performed at an additional charge.

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 of 0.70 kU/L or more (class 2 and above) will flag as abnormally high. Reference values apply to all ages.

## Specimen Requirements:

### Collection Container/Tube:

<b>Preferred:</b>	Serum Gel
<b>Acceptable:</b>	Red top
<b>Specimen Volume:</b>	1 mL
<b>Collection Instructions:</b>	Centrifuge and aliquot serum into a plastic vial.
<b>Minimum Volume:</b>	0.6 mL
<b>Submission Container/Tube:</b>	Plastic vial

## Specimen Stability Information:

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

## Cautions:

Clinical correlation of results from in vitro IgE testing with patient history of allergic or anaphylactic responses to cats/cat epithelium, saliva, and/or dander are recommended.

-Negative results for IgE to total cat dander and any cat allergenic component does not completely exclude the possibility of clinically relevant allergic responses upon exposure to cats.

-Positive results for IgE to total cat dander or any cat allergenic components are not diagnostic for allergy to cats, and only indicate that the patient may be sensitized to epithelium or a cross-reactive allergen.

Testing for IgE antibodies may not be useful in patients previously treated with immunotherapy to determine if residual clinical sensitivity exists or in patients whose medical management does not depend upon identification of allergen specificity.

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

## CPT Code:

86003

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

**Report Available:** 1 to 3 days

## Questions

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