

Total Immunoglobulin E

Total IgE Assay

Patient Name: Sample Patient
Lab ID Code: 502829
Testing Date: 17-Feb-08
Spec. Coll. Date: 13-Feb-08

Physician: Sample Physician
6801 Powerline Road
Fort Lauderdale, FL 33309-2215

Immunoglobulins of the IgE class play an important role in mediating the atopic reactions that occur when sensitive individuals are exposed to allergens. In deciding on a course of therapy, it is important to distinguish between IgE-mediated and non-IgE mediated reactions. Measurement of the total circulating IgE level in conjunction with other supporting diagnostic information can aid in making this diagnosis. In general, the total IgE level increases with the number of allergies which a person has and with the amount of exposure to relevant allergens. The finding of an elevated total IgE result may justify testing for allergen-specific IgE.

YOUR TEST RESULTS ARE:

<u>Test</u>	<u>Result</u>	<u>Units</u>	<u>Reference Interval</u>
Total IgE		IU/ml	0-80 IU/ml (95% CI)

Evaluation of Results

Usually Negative for Atopic Allergy	<18 IU/ml
Equivocal for Atopic Allergy	18-80 IU/ml
Probably Atopic Allergy	>80 IU/ml

Note: The ordering physician should be familiar with the patient's clinical history prior to selecting a specific IgE food/mold and /or environmental inhalant panel as a reflex test should the total IgE level be greater than 80 IU/ml. Furthermore, a total IgE value <80 IU/ml does not necessarily mean the patient does not have a positive reaction to a specific allergen.