

Anti-IgE

Test Code: 2105

Clinical and Procedure

Clinical Utility

This ELISA measures IgG antibodies specific for IgE. These autoantibodies have been implicated as a causative agent in autoimmune chronic urticaria. In addition, these autoantibodies have also been implicated as significant in atopic dermatitis and hyper IgE syndrome.

Procedure

IgG antibodies specific for IgE are detected with a solid phase indirect non-competitive ELISA. Human IgE is coated onto polystyrene micro-wells (solid-phase antigen). IgG antibodies in serum that bind to the IgE are detected with a labeled anti-human IgG antibody. This test has not been cleared or approved for diagnostic use by the U.S. Food and Drug Administration.

Turnaround Time

5-7 business days from receipt of specimen

Specimen Information

Specimen Type	Order Code	CPT Code	NY Approved	Volume	Assay Range
serum	2105	83516	Yes	1 mL (min. 100 uL)	Resulted as Normal or Elevated. A result of normal indicates that the level of IgG anti-IgE antibodies is similar to that seen in a population of healthy individuals. A result of elevated indicates an increased level of IgG anti-IgE antibodies compared to healthy individuals.

Special Instructions

- Collect 1 mL of serum.
- Blood should be collected and allowed to clot prior to centrifugation.
- Ship at ambient temperature Monday through Friday.
- If the specimen is to be held for more than two weeks, it should be stored frozen until shipped.

Qualitative test resulted as Normal or Elevated. A result of normal indicates that the level of IgG anti-IgE antibodies is similar to that seen in a population of healthy individuals. A result of elevated indicates an increased level of IgG anti-IgE antibodies compared to healthy individuals.

Disclaimer

Specimens are approved for testing in New York only when indicated in the Specimen Information field above.

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