

IgE elisa kit

IgE ELISA Kit

CATALOG #
AAA77746

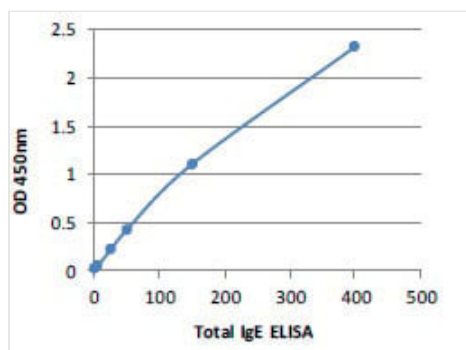
PRODUCT SYNONYMS

IgE; IgE ELISA Kit; IgE elisa kit

PRODUCT SPECIFICATIONS

Samples	Serum
Assay Type	Quantitative Sandwich

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for IgE elisa kit

Intended Uses: The IgE ELISA Kit is intended for the quantitative measurement of IgE in human serum.

Principle of the Assay: The IgE ELISA kit is a solid phase sandwich assay method, based on a streptavidin-biotin principle. The standards, samples and the biotinylated Anti-IgE antibody reagent are added into designated wells, coated with Streptavidin. Endogenous IgE in the patient's serum binds to the antigenic site of the biotinylated Anti-IgE antibody. Simultaneously, the biotinylated antibody is immobilized onto the wells through the high affinity Streptavidin-Biotin interaction. Unbound protein and excess biotin conjugated antibody are washed off by wash buffer. Upon the addition of the Peroxidase (HRP) conjugated Anti-IgE antibody reagent, a sandwich complex is formed, the analyte of interest being in between the two highly specific antibodies, labeled with Biotin and HRP. Unbound excess enzyme conjugated antibody reagent is washed off by wash buffer. Upon the addition of the substrate, the intensity of color developed is directly proportional to the concentration of IgE in the samples. A standard curve is prepared relating color intensity to the concentration of the IgE.

Product Categories/Family for IgE elisa kit

Allergy Markers

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.