

Human IgE ELISA Kit

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CATALOG #
AAA76915REACTIVITY
Human

PRODUCT SYNONYMS

Human IgE; Human IgE ELISA Kit; Human IgE elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Assay Type	Sandwich
Samples	Human biological samples
Preparation and Storage	Store at 4 degree C.

ADDITIONAL INFORMATION

Related Product Information for Human IgE elisa kit	Principle of the Assay: The principle of the double antibody sandwich ELISA is represented in Figure 1. In this assay the IgE present in samples reacts with the anti-IgE antibodies, which have been adsorbed to the surface of polystyrene microtitre wells. After the removal of unbound proteins by washing, anti-IgE antibodies conjugated with horseradish peroxidase (HRP) are added. These enzyme-labeled antibodies form complexes with the previously bound IgE. Following another washing step, the enzyme bound to the immunosorbent is assayed by the addition of a chromogenic substrate, 3,3',5,5'-tetramethylbenzidine (TMB). The quantity of bound enzyme varies directly with the concentration of IgE in the sample tested; thus, the absorbance, at 450 nm, is a measure of the concentration of IgE in the test sample. The quantity of IgE in the test sample can be interpolated from the standard curve constructed from the standards, and corrected for sample dilution. Intended Uses: The IgE test kit is a highly sensitive two-site enzyme linked immunoassay (ELISA) for measuring IgE in human biological samples. If the ELISA is to be used outside the intended use, the user may need to optimize for said use.
Product Categories/Family for Human IgE elisa kit	ELISA Kit

NCBI AND UNIPROT INFORMATION

NCBI GI #	22651682
NCBI Official Full Name	immunoglobulin epsilon chain

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.