

General Immunoglobulin E ELISA Kit | IGHE elisa kit

Human Immunoglobulin E ELISA Kit

CATALOG #
AAA37751

REACTIVITY
General

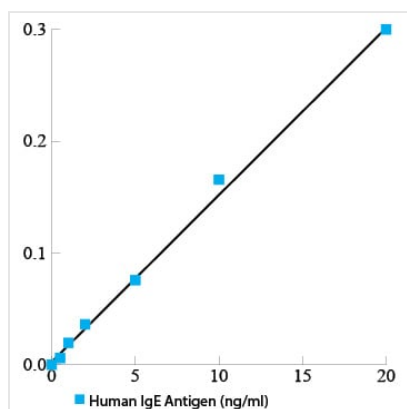
PRODUCT SYNONYMS

Immunoglobulin E; Human Immunoglobulin E ELISA Kit; IGHE elisa kit

PRODUCT SPECIFICATIONS

Reactivity	General
Form/Format	Complete Kit
Sequence Length	428
Samples	Serum, plasma, hybridoma cell supernatants, ascites or other biological fluids
Preparation and Storage	Store at 4 degree C. Shelf Life: 6 months from manufacture, see label for expiration date

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for IGHE elisa kit

Intended Uses: This human immunoglobulin E antigen assay is intended for the quantitative determination of total human IgE antigen in serum, plasma, hybridoma cell supernatants, ascites or other biological fluids.

Principle of the Assay: Human IgE will bind to the affinity purified capture antibody coated on the microtiter plate. After appropriate washing steps, horseradish peroxidase labeled polyclonal anti-human IgE antibody binds to the captured protein. Excess antibody is washed away and TMB substrate is used for color development at 450nm. A standard calibration curve is prepared along with the samples to be measured using dilutions of human IgE. Color development is proportional to the concentration of IgE in the samples.

Background: IgE is the least abundant immunoglobulin in serum and is predominately involved in the allergy response. IgE binds to allergens and triggers histamine release from mast cells and basophils. Elevated IgE levels are found in patients experiencing severe allergic reactions and parasitic infections.

Product Categories/Family for IGHE elisa kit

[Human Immunoglobulins](#); [Human Immunoglobulin ELISA Kits](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #	119512
NCBI GeneID	3497
UniProt Accession #	P01854
Molecular Weight	47,019 Da
NCBI Official Full Name	Ig epsilon chain C region
NCBI Official Synonym Full Names	immunoglobulin heavy constant epsilon
NCBI Official Symbol	IGHE
NCBI Official Synonym Symbols	IgE
UniProt Protein Name	Ig epsilon chain C region
UniProt Gene Name	IGHE
UniProt Entry Name	IGHE_HUMAN

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/ighe-general-elisa-kits/immunoglobulin-e/37751>