

Human IgG4 ELISA Kit | IGHG4 elisa kit

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CATALOG #
AAA37870

REACTIVITY
Human

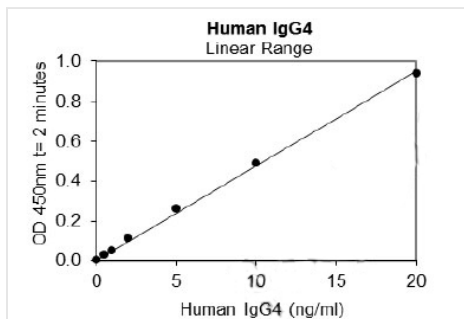
PRODUCT SYNONYMS

IgG4; Human IgG4 ELISA Kit; IGHG4 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	327
Samples	Serum, plasma, hybridoma cell supernatants, ascites or other biological fluids. the assay does not detect immunoglobulins of other classes or subclasses
Intra-assay Precision	These studies are currently in progress. Please contact us for more information.
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Preparation and Storage	Store at 4 degree C Expiration: 12 months from manufacture, see label for expiration date. Shipping: Cold pack

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for IGHG4 elisa kit	Intended Uses: This human immunoglobulin G subclass 4 (IgG4) antigen assay is intended for the quantitative determination of total human IgG4 antigen in serum, plasma, hybridoma cell supernatants, ascites or other biological fluids. The assay does not detect immunoglobulins of other classes or subclasses. Principle of the Assay: Human IgG4 in samples will bind to the biotinylated capture antibody which is bound to the avidin on the plate. After appropriate washing steps, horseradish peroxidase labeled polyclonal anti-human IgG 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 IgG4. Color development is proportional to the concentration of IgG4 in the samples. Background/Introduction: IgG4 is the least abundant IgG subclass in serum and is frequently induced by repeated allergen exposure [1]. IgG4 does not have allotype variation and does not interact with complement component C1q [2]. Clinically elevated serum IgG4 levels occur in a variety of conditions including the multi-organ fibro-inflammatory IgG4-related disease [3].
Product Categories/Family for IGHG4 elisa kit	ELISA kits; Human Immunoglobulins; Human Immunoglobulin ELISA Kits

NCBI AND UNIPROT INFORMATION

NCBI GI #	121047
NCBI GeneID	3503
UniProt Accession #	P01861
NCBI Official Full Name	Immunoglobulin heavy constant gamma 4
NCBI Official Synonym Full Names	immunoglobulin heavy constant gamma 4 (G4m marker)
NCBI Official Symbol	IGHG4
UniProt Protein Name	Ig gamma-4 chain C region
UniProt Gene Name	IGHG4
UniProt Entry Name	IGHG4_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.