

Human immunoglobulin heavy constant alpha 1 ELISA Kit | IGHA1 elisa kit

Human Ig alpha-1 chain C region, IGHA1 ELISA Kit

CATALOG #
AAA112798

REACTIVITY
Human

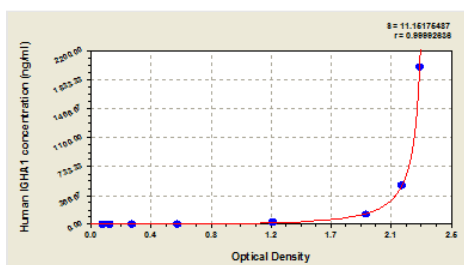
PRODUCT SYNONYMS

immunoglobulin heavy constant alpha 1; Human Ig alpha-1 chain C region; IGHA1 ELISA Kit; Human Ig alpha-1 chain C region (IGHA1) ELISA kit; FLJ14473; FLJ35065; FLJ35500; FLJ36402; FLJ39698; FLJ40001; FLJ41548; FLJ41552; FLJ41789; FLJ43248; FLJ43594; FLJ44293; FLJ46028; FLJ46621; FLJ46724; FLJ46811; FLJ46824; FLJ90170; IgA1; MGC102857; ; IGHA1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human IGHA1. No significant cross-reactivity or interference between human IGHA1 and analogues was observed.
Sequence Length	353
Assay Type	Quantitative Sandwich
Samples	Serum, plasma
Detection Range	0.49 ng/ml-2000 ng/ml
Sensitivity	< 0.49 ng/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for IGHA1 elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for IGHA1 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any IGHA1 present is bound by the immobilized antibody. After removing any unbound substances, a Horseradish Peroxidase (HRP)-conjugated antibody specific for IGHA1 is added to the wells. Following a wash to remove any unbound reagent, a substrate solution is added to the wells and color develops in proportion to the amount of IGHA1 bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	113584
NCBI GeneID	3493
UniProt Accession #	P01876
Molecular Weight	37,655 Da
NCBI Official Full Name	Ig alpha-1 chain C region, partial
NCBI Official Synonym Full Names	immunoglobulin heavy constant alpha 1
NCBI Official Symbol	IGHA1
NCBI Official Synonym Symbols	IgA1
UniProt Protein Name	Ig alpha-1 chain C region
UniProt Gene Name	IGHA1
UniProt Entry Name	IGHA1_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.

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Online datasheet: <https://stage.aaabiotech.com/igha1-human-elisa-kits/immunoglobulin-heavy-constant-alpha-1/112798>