

Human Immunoglobulin Binding Protein 1 (IGFBP1) ELISA Kit | IGFBP1 elisa kit

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CATALOG #
AAA44399

REACTIVITY
Human

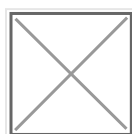
PRODUCT SYNONYMS

Immunoglobulin Binding Protein 1 (IGFBP1); Human Immunoglobulin Binding Protein 1 (IGFBP1) ELISA Kit; IGFBP1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	272
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	10ng/ml - 2000ng/ml
Sensitivity	5.46ng/ml
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision. CV(%) = SD/mean x 100. Inter-Assay: CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for IGFBP1 elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of human Immunoglobulin Binding Protein 1 (also known as IGFBP1) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with human IGFBP1 antibody. IGFBP1 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated human IGFBP1 Antibody is added and binds to IGFBP1 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated IGFBP1 antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of human IGFBP1. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #

160358847

NCBI GeneID	16006
NCBI Accession #	NP_032367.3
NCBI GenBank Nucleotide #	NM_008341.4
UniProt Accession #	P47876 ; Q5SVY8 ; Q61732
Molecular Weight	29,570 Da
NCBI Official Full Name	insulin-like growth factor-binding protein 1
NCBI Official Synonym Full Names	insulin-like growth factor binding protein 1
NCBI Official Symbol	Igfbp1
NCBI Protein Information	insulin-like growth factor-binding protein 1
UniProt Protein Name	Insulin-like growth factor-binding protein 1
UniProt Gene Name	Igfbp1
UniProt Synonym Gene Names	Igfbp-1; IBP-1; IGF-binding protein 1; IGFBP-1

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/human-elisa-kits/immunoglobulin-binding-protein-1-igfbp1/44399>