

Human IGBP1 (Immunoglobulin-binding protein 1) ELISA Kit | IGBP1 elisa kit

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CATALOG #
AAA250395

REACTIVITY
Human

PRODUCT SYNONYMS

IGBP1 (Immunoglobulin-binding protein 1); Human IGBP1 (Immunoglobulin-binding protein 1) ELISA Kit; Immunoglobulin-binding protein 1; B-cell signal transduction molecule alpha 4; Protein alpha-4; CD79a-binding protein 1; Protein phosphatase 2/4/6 regulatory subunit; Renal carcinoma antigen NY-REN-16; IGBP1; IBP1; IGBP1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of IGBP1. No significant cross-reactivity or interference between IGBP1 and analogues was observed.
Assay Type	Sandwich
Samples	Serum, plasma, tissue homogenates and other biological fluids
Detection Range	15.625-1000pg/ml
Sensitivity	9.375pg/ml
Intra-assay Precision	CV<8%
Inter-assay Precision	CV<10%
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

ADDITIONAL INFORMATION

Related Product Information for IGBP1 elisa kit

Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Capture antibody was pre-coated onto 96- well plates. And the biotin conjugated antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and washed with wash buffer. HRP -Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the target amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of target can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4557663
NCBI GeneID	3476
NCBI Accession #	NP_001542
NCBI GenBank Nucleotide #	NM_001551
UniProt Accession #	P78318; Q8TAB2
Molecular Weight	39,222 Da

NCBI Official Full Name	immunoglobulin-binding protein 1
NCBI Official Synonym Full Names	immunoglobulin (CD79A) binding protein 1
NCBI Official Symbol	IGBP1
NCBI Official Synonym Symbols	IBP1; ALPHA-4
NCBI Protein Information	immunoglobulin-binding protein 1; B cell signal transduction molecule alpha 4; B-cell signal transduction molecule alpha 4; CD79a-binding protein 1; bA351K23.1 (immunoglobulin binding protein 1 (CD79A)); protein alpha-4; protein phosphatase 2/4/6 regulat
UniProt Protein Name	Immunoglobulin-binding protein 1
UniProt Gene Name	IGBP1
UniProt Synonym Gene Names	IBP1; Protein alpha-4
UniProt Entry Name	IGBP1_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://www.aaabiotech.com/human-elisa-kits/igbp1-immunoglobulin-binding-protein-1/250395>