

Rat Insulin-like growth factor binding protein 1, IGFBP-1 ELISA Kit | IGFBP-1 elisa kit

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CATALOG #
AAA42548

REACTIVITY
Rat

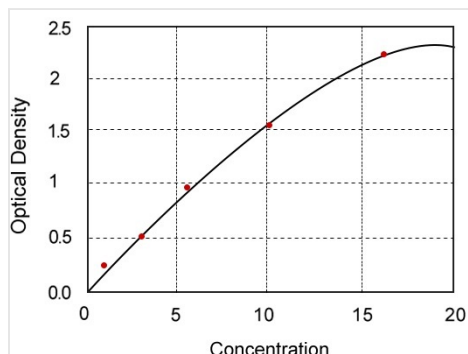
PRODUCT SYNONYMS

Insulin-like growth factor binding protein 1; IGFBP-1; Rat Insulin-like growth factor binding protein 1; IGFBP-1 ELISA Kit; IGFBP-1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	259
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.5ng/ml - 200ng/ml
Sensitivity	0.27ng/ml
Intra-Assay	CV<8%
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 IGFBP-1 elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of Rat Insulin-like Growth Factor Binding Protein 1 (also known as IGFBP-1) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principles of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Rat IGFBP-1 antibody. IGFBP-1 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Rat IGFBP-1 Antibody is added and binds to IGFBP-1 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated IGFBP-1 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 Rat IGFBP-1. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4504615
NCBI GeneID	3484
NCBI Accession #	NP_000587.1
NCBI GenBank Nucleotide #	NM_000596.3
UniProt Accession #	P08833; Q8IYP5; A4D2F4; D3DVL9
Molecular Weight	27,904 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 Official Synonym Symbols	AFBP; IBP1; PP12; IGF-BP25; hIGFBP-1
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	IBP1; IBP-1; IGF-binding protein 1; IGFBP-1; PP12

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/rat-elisa-kits/insulin-like-growth-factor-binding-protein-1-igfbp-1/42548>