

Mouse IGFBP-1 ELISA Kit | IGFBP1 elisa kit

Mouse IGFBP-1 PicoKine ELISA Kit

CATALOG #
AAA11536

REACTIVITY
Mouse

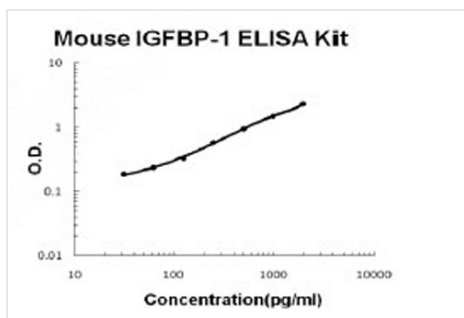
PRODUCT SYNONYMS

IGFBP-1; Mouse IGFBP-1 PicoKine ELISA Kit; Insulin-like growth factor-binding protein 1; insulin-like growth factor binding protein 1; AFBP; hIGFBP-1; IBP1; IGF-binding protein 1; IGF-BP25; Placental protein 12; PP12; IGFBP1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	Natural and recombinant Mouse IFNAR1
Sequence Length	272
Samples	Cell Culture Supernates, Serum And Plasma(Heparin Or Edta)
Detection Range	62.5pg/ml-4000pg/ml
Sensitivity	<10pg/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
Inter-assay Precision	Inter-Assay Precision (Precision accross assays):Three samples of known concentration were tested in separate assays to assess inter-assay precision.
Preparation and Storage	Store at 4 degree C for 6 months, at -20 degree C for 12 months. Avoid multiple freeze-thaw cycles (Shipped with wet ice.)

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for IGFBP1 elisa kit	Principle of the Assay: The Picokine Mouse IFNAR1 Pre-Coated ELISA (Enzyme-Linked Immunosorbent Assay) kit is a solid phase immunoassay specially designed to measure Mouse IFNAR1 with a 96-well strip plate that is pre-coated with antibody specific for IFNAR1. The detection antibody is a biotinylated antibody specific for IFNAR1. The capture antibody is A monoclonal antibody from rat, the detection antibody is a biotinylated detection polyclonal antibody from goat. The kit contains recombinant Mouse IFNAR1 with immunogen: Expression system for standard: NSO, Immunogen sequence: E27-T429. The kit is analytically validated with ready to use reagents. To measure Mouse IFNAR1, add standards and samples to the wells, then add the biotinylated detection antibody. Wash the wells with PBS or TBS buffer, and add Avidin-Biotin-Peroxidase Complex (ABC-HRP). Wash away the unbounded ABC-HRP with PBS or TBS buffer and add TMB. TMB is substrate to HRP and will be catalyzed to produce a blue color product, which changes into yellow after adding acidic stop solution. The density of the yellow product is linearly propotional to Mouse IFNAR1 in the sample. Read the density of the yellow product in each well using a plate reader, and benchmark the sample wells' readings against the standard curve to determine the concentration of Mouse IFNAR1 in the sample!!Background/Introduction: Interferon-alpha/beta receptor alpha chain is a protein that in humans is encoded by the IFNAR1 gene. It is mapped to 16 C3.3; 16 52.98 cM. The protein encoded by this gene is a type I membrane protein that forms one of the two chains of a receptor for interferons alpha and beta. Binding and activation of the receptor stimulates Janus protein kinases, which in turn phosphorylate several proteins, including STAT1 and STAT2. The encoded protein also functions as an antiviral factor.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	408360142
NCBI GeneID	16006
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; IBP-1; IGF-binding protein 1; INSULIN-LIKE GROWTH FACTOR BINDING PROTEIN 1 PRECURSOR (IGFBP-1) (IBP-1) (IGF-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
UniProt Entry Name	IBP1_MOUSE

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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