

Mouse insulin-like growth factor binding protein 1 ELISA Kit | IGFBP1 elisa kit

Mouse Insulin-like growth factor binding protein 1, IGFBP-1 ELISA Kit

CATALOG #
AAA80073

REACTIVITY
Mouse

PRODUCT SYNONYMS

insulin-like growth factor binding protein 1; Mouse Insulin-like growth factor binding protein 1; IGFBP-1 ELISA Kit; AFBP; IBP1; IGF-BP25; PP12; hIGFBP-1; IGF-binding protein 1; alpha-pregnancy-associated endometrial globulin; amniotic fluid binding protein; binding protein-25; binding protein-26; binding protein-28; gr; IGFBP1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of mouse IGFBP-1. No significant cross-reactivity or interference between mouse IGFBP-1 and analogues was observed.
Sequence Length	272
Samples	Serum, plasma, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.312 ng/ml-20 ng/ml
Sensitivity	< 0.078 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 IGFBP1 elisa kit

Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for IGFBP-1 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any IGFBP-1 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for IGFBP-1 is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of IGFBP-1 bound in the initial step. The color development is stopped and the intensity of the color is measured.

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; 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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/igfbp1-mouse-elisa-kits/insulin-like-growth-factor-binding-protein-1/80073>