

Mouse interleukin-18 binding prorein (IL-18BP) ELISA Kit | IL-18BP elisa kit

Mouse interleukin-18 binding prorein, IL-18BP ELISA Kit

CATALOG #
AAA112316

REACTIVITY
Mouse

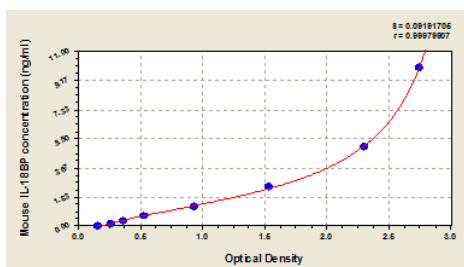
PRODUCT SYNONYMS

interleukin-18 binding prorein (IL-18BP); Mouse interleukin-18 binding prorein; IL-18BP ELISA Kit; Mouse interleukin-18 binding prorein (IL-18BP) ELISA Kit; IL18BPα; MC51L-53L-54L homolog gene product; OTTHUMP00000179143; tadekinig-alfa; IL-18BP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of mouse IL-18BP. No significant cross-reactivity or interference between mouse IL-18BP and analogues was observed.
Sequence Length	193
Samples	Serum, plasma, cell culture supernates
Assay Type	Quantitative Sandwich
Detection Range	0.156 ng/ml-10 ng/ml
Sensitivity	<0.039 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 IL-18BP elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for IL-18BP has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any IL-18BP present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for IL-18BP 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 IL-18BP bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	6754314
NCBI GeneID	16068
NCBI Accession #	NP_034661.1
NCBI GenBank Nucleotide #	NM_010531.1
UniProt Accession #	Q9Z0M9; Q4FJR8; Q4FK87; Q9CV30; Q9QUH2; Q9Z0N0
Molecular Weight	21,257 Da
NCBI Official Full Name	interleukin-18-binding protein
NCBI Official Synonym Full Names	interleukin 18 binding protein
NCBI Official Symbol	Il18bp
NCBI Official Synonym Symbols	MC54L; Igifbp; IL-18BP
NCBI Protein Information	interleukin-18-binding protein; interferon gamma inducing factor binding protein; interferon gamma-inducing factor-binding protein
UniProt Protein Name	Interleukin-18-binding protein
UniProt Gene Name	Il18bp
UniProt Synonym Gene Names	Igifbp; IL-18BP
UniProt Entry Name	I18BP_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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Online datasheet: <https://stage.aaabiotech.com/mouse-elisa-kits/interleukin-18-binding-protein-il-18bp/112316>