

Mouse Interleukin 18 Binding Protein ELISA Kit | IL18BP elisa kit

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CATALOG #
AAA97921

REACTIVITY
Mouse

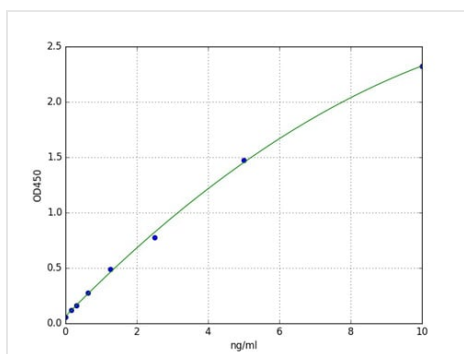
PRODUCT SYNONYMS

Interleukin 18 Binding Protein; Mouse Interleukin 18 Binding Protein ELISA Kit; IL18BP/IL18BPα/interleukin 18 binding protein/interleukin-18-binding protein/MC51L-53L-54L homolog gene product/tadekinig-alfa/Tadekinig-alfa; IL18BP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Sequence Length	194
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.156-10ng/ml
Sensitivity	0.094ng/ml
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

IMAGES



Standard Curve (Sample)

Typical Data & Standard Curve

Results of a typical standard run of a Mouse IL18BP ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	ng/ml	0	0.156	0.313	0.625	1.25	2.5	5	10
Y	OD450	0.012	0.094	0.183	0.423	0.536	0.877	1.632	2.319

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for IL18BP elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. anti-Mouse IL18BP antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Mouse IL18BP antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash 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 Mouse IL18BP amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Mouse IL18BP can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	28278660
NCBI GeneID	10068
Molecular Weight	17,478 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	IL18BPa
NCBI Protein Information	interleukin-18-binding protein
UniProt Protein Name	Interleukin-18-binding protein
UniProt Gene Name	IL18BP
UniProt Synonym Gene Names	IL-18BP
UniProt Entry Name	I18BP_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://stage.aaabiotech.com/il18bp-mouse-elisa-kits/interleukin-18-binding-protein/97921>