

Human Interleukin-18 receptor 1 ELISA Kit | IL-18R1/IL-18R elisa kit

Human Interleukin-18 receptor 1 ELISA Kit

CATALOG #
AAA101485

REACTIVITY
Human

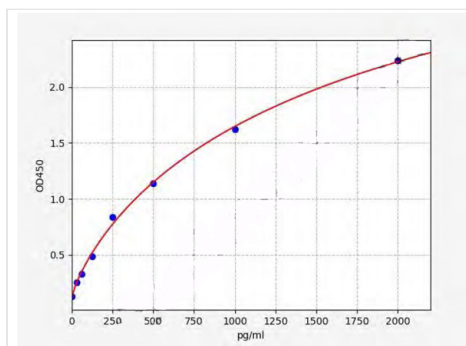
PRODUCT SYNONYMS

Interleukin-18 receptor 1; Human Interleukin-18 receptor 1 ELISA Kit; IL-18R1/IL-18R elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of IL-18R1/IL-18R. No significant cross-reactivity or interference between IL-18R1/IL-18R and analogues was observed.
Sequence Length	541
Assay Type	Sandwich
Samples	Serum, plasma, tissue homogenates and other biological fluids
Detection Range	31.25-2000pg/ml
Sensitivity	18.75pg/ml
Intra-assay Precision	CV<8%
Inter-assay Precision	CV<10%
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)

ADDITIONAL INFORMATION

Related Product Information for IL-18R1/IL-18R elisa kit	Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Capture antibody was pre-coated onto 96-well plates. And the biotin conjugated antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and washed 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 target amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of target can be calculated.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4504655
NCBI GeneID	8809
NCBI Accession #	NP_003846.1
NCBI GenBank Nucleotide #	NM_003855.3
Molecular Weight	62,304 Da
NCBI Official Full Name	interleukin-18 receptor 1 isoform 1
NCBI Official Synonym Full Names	interleukin 18 receptor 1
NCBI Official Symbol	IL18R1
NCBI Official Synonym Symbols	CD218a; IL18RA; IL1RRP; CDw218a; IL-1Rrp
NCBI Protein Information	interleukin-18 receptor 1
UniProt Protein Name	Interleukin-18 receptor 1
UniProt Gene Name	IL18R1
UniProt Synonym Gene Names	IL1RRP; IL-18R-1; IL-18R1; IL-1Rrp; IL1R-rp
UniProt Entry Name	IL18R_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/il-18r1-il-18r-human-elisa-kits/interleukin-18-receptor-1/101485>