

Human Interleukin-18 Receptor 1, IL18R1 ELISA Kit | IL18R1 elisa kit

Human Interleukin-18 Receptor 1, IL18R1 Primacu ELISA Kit

CATALOG #
AAA124395

REACTIVITY
Human

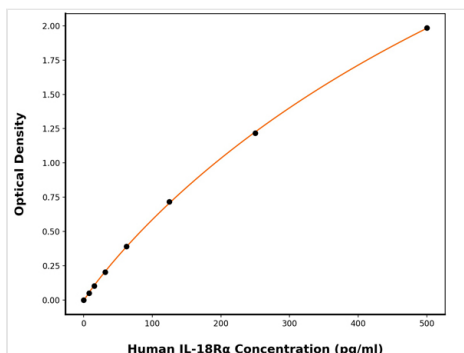
PRODUCT SYNONYMS

Interleukin-18 Receptor 1; IL18R1; Human Interleukin-18 Receptor 1; IL18R1 Primacu ELISA Kit; Interleukin-18 receptor 1; IL-18Ralpha; IL1RRP; IL18R1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Assay Type	Sandwich
Samples	Serum, plasma, cell culture supernates
Detection Range	7.81-500pg/mL
Sensitivity	1.45pg/mL
Standard Solution	5ng/mL
Assay Time	3.5h
Preparation and Storage	Store at 2-8 degree C

IMAGES



Standard Curve (Sample)

Typical Testing Data/Standard Curve (for reference only)

ADDITIONAL INFORMATION

Related Product Information for IL18R1 elisa kit

Interleukin-18 receptor 1 (IL18R1) also known as CD218 antigen-like family member A, CDw218a, IL1 receptor-related protein, and CD218a, is an interleukin receptor of the immunoglobulin superfamily. IL18R1 is found expressed in the lung, leukocytes, spleen, liver, thymus, prostate, small intestine, colon, placenta, and heart, and is absent from the brain, skeletal muscle, pancreas, and kidney. A high level of expression is found in Hodgkin disease cell lines. This receptor is specifically bound to interleukin 18 (IL18) and is essential for IL18 mediated signal transduction. IL18R1 contains 3 Ig-like C2-type (immunoglobulin-like) domains and 1 TIR domain. It is a single-pass type I membrane protein. IFN-alpha and IL12 are reported to induce the expression of this receptor in NK and T cells. The increased expression of IL18R1 may contribute pathogenically to disease and is therefore a potential therapeutic target. The absence of a genetic association in the IL18R1 gene itself suggests regulation from other parts of the genome, or as part of the inflammatory cascade in multiple sclerosis without a prime genetic cause.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4504655
NCBI GeneID	8809
NCBI Accession #	NP_003846.1
NCBI GenBank Nucleotide #	NM_003855.2
UniProt Accession #	Q13478; Q52LC9; B2R9Y5
Molecular Weight	62,304 Da
NCBI Official Full Name	interleukin-18 receptor 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; IL-18R1; IL1R-rp; IL-18R-1; cytokine receptor; IL1 receptor-related protein; CD218 antigen-like family member A
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/human-elisa-kits/interleukin-18-receptor-1-il18r1/124395>