

Human Interleukin-18-Binding Protein, IL18BP ELISA Kit | IL18BP elisa kit

Human Interleukin-18-Binding Protein, IL18BP Primacu ELISA Kit

CATALOG #
AAA124225

REACTIVITY
Human

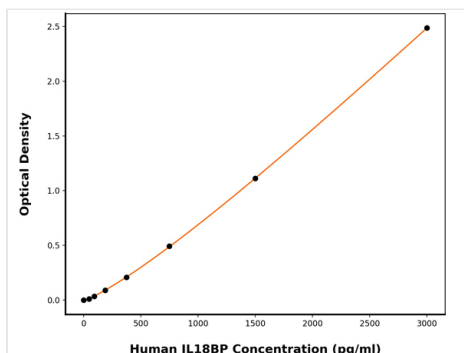
PRODUCT SYNONYMS

Interleukin-18-Binding Protein; IL18BP; Human Interleukin-18-Binding Protein; IL18BP Primacu ELISA Kit; Interleukin-18-binding protein; IL18BP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Assay Type	Sandwich
Samples	Serum, plasma, cell culture supernates
Detection Range	46.88-3000pg/mL
Sensitivity	13.13pg/mL
Standard Solution	30ng/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 IL18BP elisa kit

Interleukin-18-binding protein (IL-18BP) is a constitutively expressed and secreted protein. IL-18BP is a cytokine receptor that belongs to the interleukin 1 receptor family. This receptor specifically binds interleukin 18 (IL18) and is essential for IL18 mediated signal transduction. IFN-alpha and IL12 are reported to induce the expression of this receptor in NK and T cells. This gene along with four other members of the interleukin 1 receptor family, including IL1R2, IL1R1, ILRL2 (IL-1Rp2), and IL1RL1 (T1/ST2), form a gene cluster on chromosome 2q. The adjacently located family members IL18 Receptor 1 (IL18R1) and IL18 receptor accessory protein (IL18RAP) may also be important in the development of asthma and atopy. IL-18 binding protein (IL-18BP) was only moderately elevated, resulting in a high level of biologically active free IL-18 in HPS. A severe IL-18/IL-18BP imbalance results in Th-1 lymphocyte and macrophage activation, which escapes control by NK-cell cytotoxicity and may allow for secondary HPS in patients with underlying diseases.

Product Categories/Family for IL18BP elisa kit	Primacu ELISA Kit; Immunology
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NCBI AND UNIPROT INFORMATION

NCBI GI #	89111125
NCBI GeneID	10068
NCBI Accession #	NP_001034748.1
NCBI GenBank Nucleotide #	NM_001039659.1
UniProt Accession #	O95998; O95993; O96027; Q9NZA9; Q9UBR7; B3KUZ0; B7WPK4
Molecular Weight	21,099 Da
NCBI Official Full Name	interleukin-18-binding protein isoform a
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; IL-18BP; tadekinig-alfa; MC51L-53L-54L homolog gene product
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/human-elisa-kits/interleukin-18-binding-protein-il18bp/124225>