

Rat Interleukin 18 Binding Protein (IL18BP) CLIA Kit | IL18BP clia kit

Rat Interleukin 18 Binding Protein (IL18BP) CLIA Kit

CATALOG #
AAA130086

REACTIVITY
Rat

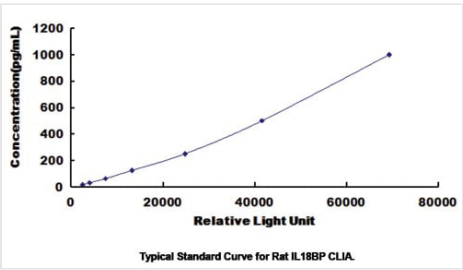
PRODUCT SYNONYMS

Interleukin 18 Binding Protein (IL18BP); Rat Interleukin 18 Binding Protein (IL18BP) CLIA Kit; IL18BPα; MC51L-53L-54L Homolog Gene Product; Tadekinig-alfa; IL18BP clia kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of Interleukin 18 Binding Protein (IL18BP). No significant cross-reactivity or interference between Interleukin 18 Binding Protein (IL18BP) and analogues was observed.
Sequence Length	194
Assay Type	Double-antibody Sandwich
Samples	Serum, Plasma and other biological fluids
Detection Range	1.37-1,000pg/mL
Sensitivity	0.54pg/mL
Application	Chemiluminescent immunoassay for Antigen Detection.
Intra-assay Precision (Precision within an assay)	3 samples with low, middle and high level Interleukin 18 Binding Protein (IL18BP) were tested 20 times on one plate, respectively.
Inter-assay Precision (Precision between assays)	3 samples with low, middle and high level Interleukin 18 Binding Protein (IL18BP) were tested on 3 different plates, 8 replicates in each plate.
CV(%) =	SD/meanX100
Intra-Assay	CV<10%
Inter-Assay	CV<12%
Preparation and Storage	The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition. To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for IL18BP clia kit	The microplate provided in this kit has been pre-coated with an antibody specific to Interleukin 18 Binding Protein (IL18BP). Standards or samples are then added to the appropriate microplate wells with a biotin-conjugated antibody specific to Interleukin 18 Binding Protein (IL18BP). Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then the mixture of substrate A and B is added to generate glow light emission kinetics. Upon plate development, the intensity of the emitted light is proportional to the Interleukin 18 Binding Protein (IL18BP) level in the sample or standard.;
Product Categories/Family for IL18BP clia kit	Cytokine

NCBI AND UNIPROT INFORMATION

NCBI GI #	28278660
NCBI GeneID	10068
UniProt Accession #	O95998; O95993; O96027; Q9NZA9; Q9UBR7; B3KUZ0; B7WPK4
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.