

Rat Macrophage Inflammatory Protein 1 Beta ELISA Kit | MIP-1beta elisa kit

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CATALOG #
AAA101313

REACTIVITY
Rat

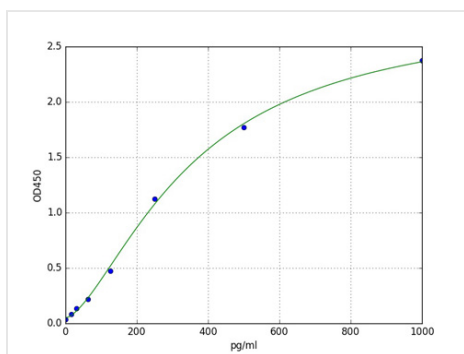
PRODUCT SYNONYMS

Macrophage Inflammatory Protein 1 Beta; Rat Macrophage Inflammatory Protein 1 Beta ELISA Kit; CCL4/MIP-1b/ACT2/AT744.1/G-26/HC21/LAG-1/LAG1/MIP-1-beta/MIP1B1/SCYA2/SCYA4; MIP-1beta elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	49
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	1.563-100pg/ml
Sensitivity	0.938pg/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 Rat MIP-1β 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	pg/ml	0	15.6	31.2	62.5	125	250	500	1000
Y	OD450	0.045	0.132	0.188	0.350	0.639	1.157	1.656	2.272

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MIP-1beta elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. anti-Rat MIP-1beta antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Rat MIP-1beta 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 Rat MIP-1beta amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Rat MIP-1beta can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	25991895
NCBI GeneID	574217
Molecular Weight	10,103 Da
NCBI Official Full Name	macrophage inflammatory protein 1 beta, partial
NCBI Official Symbol	CCL4L1
NCBI Official Synonym Symbols	CCL4; MIP1B; SCYA4
NCBI Protein Information	C-C motif chemokine 4
UniProt Protein Name	C-C motif chemokine 4
UniProt Gene Name	CCL4
UniProt Synonym Gene Names	MIP1B; SCYA4; MIP-1-beta
UniProt Entry Name	CCL4_MACMU

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/mip-1beta-rat-elisa-kits/macrophage-inflammatory-protein-1-beta/101313>