

Rat Macrophage inflammatory protein-3beta ELISA Kit | MIP-3beta elisa kit

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CATALOG #
AAA83481

REACTIVITY
Rat

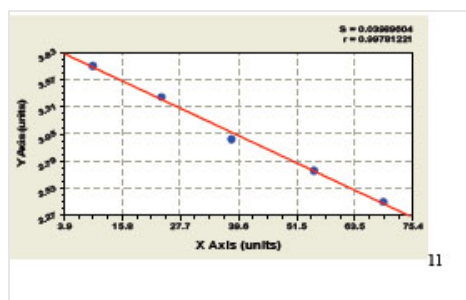
PRODUCT SYNONYMS

Macrophage inflammatory protein-3beta; Rat Macrophage inflammatory protein-3beta ELISA Kit; Rat Macrophage inflammatory protein-3b ELISA Kit; MIP-3beta elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive or Sandwich
Detection Range	50-1000pg/mL
Sensitivity	1.0pg/ml
Intended Uses	This CCL-19 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Rat CCL-19. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MIP-3beta elisa kit

Principle of the Assay: CCL-19 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-CCL-19 antibody and an CCL-19-HRP conjugate. The assay sample and buffer are incubated together with CCL-19-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the CCL-19 concentration since CCL-19 from samples and CCL-19-HRP conjugate compete for the anti-CCL-19 antibody binding site. Since the number of sites is limited, as more sites are occupied by CCL-19 from the sample, fewer sites are left to bind CCL-19-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The CCL-19 concentration in each sample is interpolated from this standard curve.

Product Categories/Family for MIP-3beta elisa kit

[Immunology](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #	1791003
NCBI GeneID	6363
Molecular Weight	10,993 Da
NCBI Official Full Name	macrophage inflammatory protein 3 beta
NCBI Official Synonym Full Names	chemokine (C-C motif) ligand 19
NCBI Official Symbol	CCL19
NCBI Official Synonym Symbols	ELC; CKb11; MIP3B; MIP-3b; SCYA19
NCBI Protein Information	C-C motif chemokine 19; exodus-3; CK beta-11; MIP-3-beta; EBI1 ligand chemokine; EBI1-ligand chemokine; CC chemokine ligand 19; beta chemokine exodus-3; beta-chemokine exodus-3; small-inducible cytokine A19; macrophage inflammatory protein 3 beta; macrophage inflammatory protein 3-beta; epstein-Barr virus-induced molecule 1 ligand chemokine; small inducible cytokine subfamily A (Cys-Cys), member 19
UniProt Protein Name	C-C motif chemokine 19
UniProt Gene Name	CCL19
UniProt Synonym Gene Names	ELC; MIP3B; SCYA19; EBI1 ligand chemokine; ELC; MIP-3-beta
UniProt Entry Name	CCL19_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/mip-3beta-rat-elisa-kits/macrophage-inflammatory-protein-3beta/83481>