

Rabbit Macrophage inflammatory protein-3alpha ELISA Kit | MIP-3alpha elisa kit

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CATALOG #
AAA16047

REACTIVITY
Rabbit

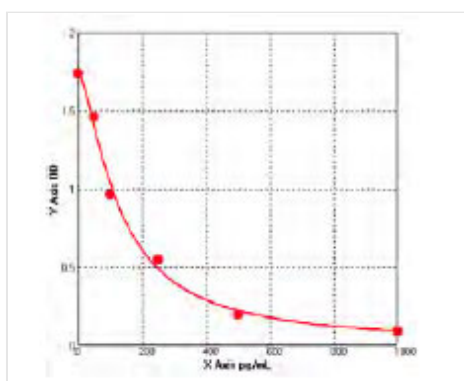
PRODUCT SYNONYMS

Macrophage inflammatory protein-3alpha; Rabbit Macrophage inflammatory protein-3alpha ELISA Kit; Rabbit Macrophage inflammatory protein-3a ELISA Kit; MIP-3alpha elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rabbit
Specificity	This assay has high sensitivity and excellent specificity for detection of MIP-3alpha. No significant cross-reactivity or interference between MIP-3alpha and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between MIP-3alpha and all the analogues, therefore, cross reaction may still exist in some cases.
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Assay Type	Quantitative Competitive
Sensitivity	1.0 pg/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MIP-3alpha elisa kit	Intended Uses: This MIP-3alpha ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Rabbit MIP-3alpha. This ELISA kit for research use only, not for therapeutic or test applications! Principle of the Assay: MIP-3alpha ELISA kit applies the competitive enzyme immunoassay technique utilizing an anti-MIP-3alpha antibody and an MIP-3alpha-HRP conjugate. The assay sample and buffer are incubated together with MIP-3alpha-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 MIP-3alpha concentration since MIP-3alpha from samples and MIP-3alpha-HRP conjugate compete for the anti-MIP-3alpha antibody binding site. Since the number of sites is limited, as more sites are occupied by MIP-3alpha from the sample, fewer sites are left to bind MIP-3alpha-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The MIP-3alpha concentration in each sample is interpolated from this standard curve.
Product Categories/Family for MIP-3alpha elisa kit	Immunology

NCBI AND UNIPROT INFORMATION

NCBI GI #	3907618
NCBI GeneID	20297
Molecular Weight	10,755 Da
NCBI Official Full Name	macrophage inflammatory protein 3 alpha
NCBI Official Synonym Full Names	chemokine (C-C motif) ligand 20
NCBI Official Symbol	Ccl20
NCBI Official Synonym Symbols	CKb4; LARC; ST38; MIP3A; MIP-3A; Scya20; MIP-3[a]; exodus-1
NCBI Protein Information	C-C motif chemokine 20; MIP-3-alpha; CC chemokine LARC; CC chemokine ST38; beta chemokine exodus-1; beta-chemokine exodus-1; small-inducible cytokine A20; small inducible cytokine subfamily A20; macrophage inflammatory protein 3 alpha; liver and activation-regulated chemokine
UniProt Protein Name	C-C motif chemokine 20
UniProt Gene Name	Ccl20
UniProt Synonym Gene Names	Larc; Scya20; MIP-3-alpha
UniProt Entry Name	CCL20_MOUSE

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.