

Human MIP-3alpha ELISA Kit | MIP-3alpha elisa kit

MIP-3alpha Human ELISA Kit

CATALOG # AAA58868	REACTIVITY Human	APPLICATIONS ELISA
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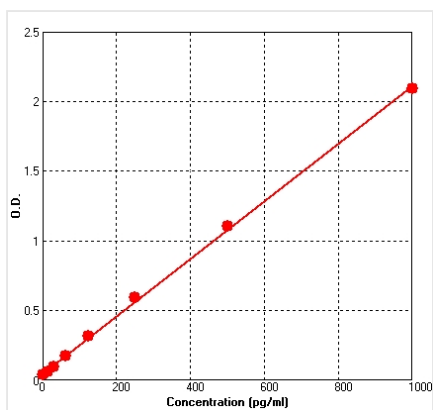
PRODUCT SYNONYMS

MIP-3alpha; MIP-3alpha Human ELISA Kit; Human MIP-3alpha; MIP-3alpha elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Assay Type	Sandwich
Detection Range	15.6 pg/ml-1000 pg/ml
Sensitivity	< 1pg/ml
Applicable Applications for MIP-3alpha elisa kit	ELISA
Preparation and Storage	Store at 2-8 degree C for 4 months, or at -20 degree C for 8 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MIP-3alpha elisa kit	Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-MIP-3alpha polyclonal antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-MIP-3alpha polyclonal 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. Avidin-Biotin-Peroxidase Complex 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 MIP-3alpha amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of MIP-3alpha can be calculated. Background: Macrophage Inflammatory Protein-3 (MIP-3alpha), also known as Chemokine (C-C motif) ligand 20 (CCL20) or liver activation regulated chemokine (LARC), is a small cytokine belonging to the CC chemokine family. the CCL20 gene contains 4 exons and maps to chromosome 2q35-q36. It is strongly chemotactic for lymphocytes and weakly attracts neutrophils. CCL20 is expressed in several tissues with highest expression observed in peripheral blood lymphocytes, lymph nodes, liver, appendix, and fetal lung and lower levels in thymus, testis, prostate and gut. CCL20 is implicated in the formation and function of mucosal lymphoid tissues via chemoattraction of lymphocytes and dendritic cells towards the epithelial cells surrounding these tissues. CCL20 elicits its effects on its target cells by binding and activating the chemokine receptor CCR6.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	28071275
NCBI GeneID	395082
NCBI Official Full Name	macrophage inflammatory protein 3alpha
NCBI Official Synonym Full Names	chemokine (C-C motif) ligand 20
NCBI Official Symbol	CCL20
NCBI Official Synonym Symbols	MIP-3ALPHA
NCBI Protein Information	C-C motif chemokine 20; macrophage inflammatory protein 3alpha

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.