

Human MIP-1alpha / CCL3 ELISA Kit | MIP-1alpha / CCL3 elisa kit

MIP-1alpha / CCL3 Human ELISA Kit

CATALOG # AAA59031	REACTIVITY Human	APPLICATIONS ELISA
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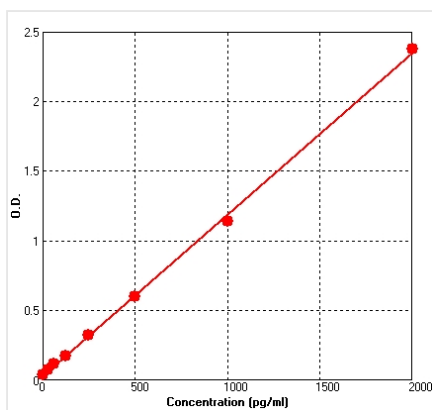
PRODUCT SYNONYMS

MIP-1alpha / CCL3; MIP-1alpha / CCL3 Human ELISA Kit; Human MIP-1alpha / CCL3; MIP-1alpha / CCL3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Assay Type	Sandwich
Detection Range	31.2 pg/ml-2000 pg/ml
Sensitivity	< 10pg/ml
Applicable Applications for MIP-1alpha / CCL3 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-1alpha / CCL3 elisa kit	Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-MIP-1alpha polyclonal antibody was pre-coated onto 96-well plates. And the biotin conjugated anti- MIP-1alpha 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-1alpha amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of MIP-1alpha can be calculated. Background: Macrophage inflammatory protein-1(MIP-1a), also known as Chemokine (C-C motif) ligand 3(CCL3) or LD78, is a cytokine belonging to the CC chemokine family. The LD78 gene chromosome 17q21.1-q21.3. It is involved in the acute inflammatory state in the recruitment and activation of polymorphonuclear leukocytes. Sherry et al. (1988) demonstrated 2 protein components of MIP1, called by them alpha and beta. MIP-1a is an important mediator of virus-induced inflammation in vivo, and also an important second signal for mast cell degranulation in the conjunctiva and for acute-phase disease, possibly through interaction with CCR1, its chemokine receptor.
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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/human-elisa-kits/mip-1alpha-ccl3/59031>