

Human Macrophage Inflammatory Protein 1 Alpha ELISA Kit | MIP-1alpha elisa kit

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CATALOG #
AAA97766

REACTIVITY
Human

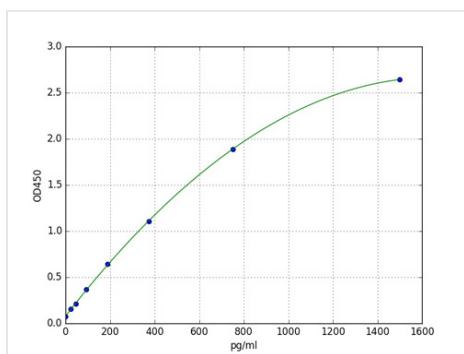
PRODUCT SYNONYMS

Macrophage Inflammatory Protein 1 Alpha; Human Macrophage Inflammatory Protein 1 Alpha ELISA Kit; MIP-1alpha (Macrophage Inflammatory Protein 1 Alpha)/CCL3/LD78ALPHA/MIP-1-alpha/MIP1A/SCYA3/GOS19-1; MIP-1alpha elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	70
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	23.438-1500pg/ml
Sensitivity	14.063pg/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 Human MIP-1α 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	23.438	46.875	93.75	187.5	375	750	1500
Y	OD450	0.048	0.071	0.114	0.196	0.362	0.666	1.217	2.098

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MIP-1alpha elisa kit

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

NCBI AND UNIPROT INFORMATION

NCBI GI #	2905628
NCBI GeneID	6348
Molecular Weight	10,085 Da
NCBI Official Full Name	macrophage inflammatory protein 1 alpha, partial
NCBI Official Synonym Full Names	chemokine (C-C motif) ligand 3
NCBI Official Symbol	CCL3
NCBI Official Synonym Symbols	MIP1A; SCYA3; G0S19-1; LD78ALPHA; MIP-1-alpha
NCBI Protein Information	C-C motif chemokine 3
UniProt Protein Name	C-C motif chemokine 3
UniProt Gene Name	CCL3
UniProt Synonym Gene Names	G0S19-1; MIP1A; SCYA3; MIP-1-alpha
UniProt Entry Name	CCL3_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-1alpha-human-elisa-kits/macrophage-inflammatory-protein-1-alpha/97766>