

Rat Macrophage Inflammatory Protein 3 Alpha ELISA Kit | MIP-3alpha elisa kit

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CATALOG #
AAA99971

REACTIVITY
Rat

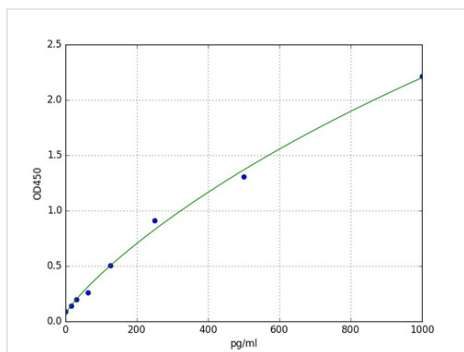
PRODUCT SYNONYMS

Macrophage Inflammatory Protein 3 Alpha; Rat Macrophage Inflammatory Protein 3 Alpha ELISA Kit; MIP-3alpha/exodus-1/LARC/MIP-3 alpha/beta chemokine exodus-1/Beta-chemokine exodus-1/CC chemokine LARC/C-C motif chemokine 20/chemokine (C-C motif) ligand 20/CKb4/exodus-1/LARCLiver and activation-regulated chemokine/MIP-3a/MIP-3-alpha/MIP3AMacrophage inflammatory protein 3 alpha/SCYA20Small-inducible cytokine A20/small inducible cytokine subfamily A (Cys-Cys); member 20/ST38/; MIP-3alpha elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	96
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	78.125-5000pg/ml
Sensitivity	46.875pg/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 Rat MIP-3 α 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	15.6	31.2	62.5	125	250	500	1000
Y	OD450	0.071	0.081	0.109	0.128	0.217	0.448	0.917	1.818

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-Rat MIP-3alpha antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Rat MIP-3alpha 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 Rat MIP-3alpha amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Rat MIP-3alpha can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	1790925
NCBI GeneID	6364
Molecular Weight	10,691 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; Exodus; MIP-3a; SCYA20; MIP-3-alpha
NCBI Protein Information	C-C motif chemokine 20
UniProt Protein Name	C-C motif chemokine 20
UniProt Gene Name	CCL20
UniProt Synonym Gene Names	LARC; MIP3A; SCYA20; MIP-3-alpha
UniProt Entry Name	CCL20_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/mip-3alpha-rat-elisa-kits/macrophage-inflammatory-protein-3-alpha/99971>