

Rat Macrophage Inflammatory Protein 3 Alpha (MIP3a) CLIA Kit | MIP3a clia kit

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CATALOG # AAA188844	REACTIVITY Rat	APPLICATIONS CLIA (Chemiluminescence Immunoassay)
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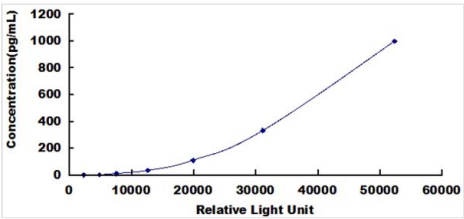
PRODUCT SYNONYMS

Macrophage Inflammatory Protein 3 Alpha (MIP3a); Rat Macrophage Inflammatory Protein 3 Alpha (MIP3a) CLIA Kit; Macrophage Inflammatory Protein 3 Alpha; CCL20; Ckb4; LARC; MIP3-A; SCYA20; ST38; Small Inducible Cytokine Subfamily A(Cys-Cys)Member 20; Beta-Chemokine Exodus-1; Liver And Activation-Regulated Chemokine; MIP3a clia kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of Macrophage Inflammatory Protein 3 Alpha (MIP3a). No significant cross-reactivity or interference between Macrophage Inflammatory Protein 3 Alpha (MIP3a) and analogues was observed.
Sequence Length	96
Assay Type	Double-antibody Sandwich
Samples	Serum, plasma and other biological fluids
Detection Range	1.37-1,000pg/mL
Sensitivity	The minimum detectable dose of this kit is typically less than 0.53pg/mL
Applicable Applications for MIP3a clia kit	CLIA (Chemiluminescence Immunoassay)
Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level Macrophage Inflammatory Protein 3 Alpha (MIP3a) were tested 20 times on one plate, respectively. Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level Macrophage Inflammatory Protein 3 Alpha (MIP3a) were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100 Intra-Assay: CV<10% Inter-Assay: CV<12%
Test Principle	The microplate provided in this kit has been pre-coated with an antibody specific to Macrophage Inflammatory Protein 3 Alpha (MIP3a). Standards or samples are then added to the appropriate microplate wells with a biotin-conjugated antibody specific to Macrophage Inflammatory Protein 3 Alpha (MIP3a). Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then the mixture of substrate A and B is added to generate glow light emission kinetics. Upon plate development, the intensity of the emitted light is proportional to the Macrophage Inflammatory Protein 3 Alpha (MIP3a) level in the sample or standard.
Preparation and Storage	The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition. To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

IMAGES



Standard Curve (Sample)

NCBI AND UNIPROT INFORMATION

NCBI GI #	6094385
NCBI GeneID	29538
UniProt Accession #	P97884
NCBI Official Full Name	C-C motif chemokine 20
NCBI Official Synonym Full Names	C-C motif chemokine ligand 20
NCBI Official Symbol	Ccl20
NCBI Official Synonym Symbols	ST38; Scya20
NCBI Protein Information	C-C motif chemokine 20
UniProt Protein Name	C-C motif chemokine 20
UniProt Gene Name	Ccl20
UniProt Synonym Gene Names	Scya20; St38; MIP-3-alpha
UniProt Entry Name	CCL20_RAT

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/rat-clia-kits/macrophage-inflammatory-protein-3-alpha-mip3a/188844>