

Human MIP-1alpha CLIA Kit | MIP-1alpha clia kit

MIP-1alpha (Human) LumiAb ELISA Kit

CATALOG #
AAA318553

REACTIVITY
Human

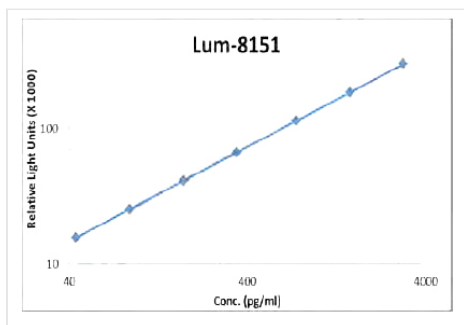
PRODUCT SYNONYMS

MIP-1alpha; MIP-1alpha (Human) LumiAb ELISA Kit; Human MIP-1alpha; C-C motif chemLumine 3; G0/G1 switch regulatory protein 19-1; Macrophage inflammatory protein 1-alpha; PAT 464.1; SIS-beta; Small-inducible cytLumine A3; Tonsillar lymphocyte LD78 alpha protein; SCYA3; G0S19-1; MIP-1alpha clia kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	The LumiAb Human MIG ELISA is capable of recognizing both recombinant and naturally produced Human MIG proteins. The antigens listed below were tested at 50 ng/ml and exhibited less than 1% cross reactivity.
Sequence Length	70
Assay Type	Quantitative Sandwich
Sensitivity	4 pg/ml.
Preparation and Storage	Store at 4 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MIP-1alpha clia kit	Principle of the Assay: The LumiAb Human MIG Chemiluminescent ELISA Kit contains the components necessary for quantitative determination of natural or recombinant Human MIG concentrations within any experimental sample including cell lysates, serum and plasma. This particular immunoassay utilizes the quantitative technique of a "Sandwich" Enzyme-Linked Immunosorbent Assay (ELISA) where the target protein (antigen) is bound in a "sandwich" format by the primary capture antibodies coated to each well-bottom and the secondary detection antibodies added subsequently by the investigator. The capture antibodies coated to the bottom of each well are specific for a particular epitope on Human MIG while the user-added detection antibodies bind to epitopes on the captured target protein. Amid each step of the procedure, a series of wash steps must be performed to ensure the elimination of non-specific binding between proteins to other proteins or to the solid phase. After incubation and "sandwiching" of the target antigen, a peroxidase enzyme is conjugated to the constant heavy chain of the secondary antibody (either covalently or via Avidin/Streptavidin-Biotin interactions), allowing for a sensitive luminescent reaction to ensue upon substrate addition. When the Peroxide Enhancer solution is added, the reaction catalyzed by peroxidase yields light that is representative of the antigen concentration. After a brief incubation, the microplate can be read with a luminometer, allowing for generation of a standard curve and subsequent determination of protein concentration!!Background/Introduction: Human MIG or Monokine Induced by IFN-gamma, also known as C-X-C Motif Chemokine 9, is a 125 amino acid chemokine protein that affects the growth, movement or activation state of cells that participate in immune and inflammatory response. MIG is expressed from the CXCL9 gene located at locus 4q21 on chromosome 4. Via its binding with CXCR3, MIG is chemotactic for activated T-cells and is thought to be involved in T-cell trafficking.
Product Categories/Family for MIP-1alpha clia kit	Luminometer Sandwich ELISA

NCBI AND UNIPROT INFORMATION

NCBI GI #	2905628
NCBI GeneID	6348
UniProt Accession #	P10147
NCBI Official Full Name	macrophage inflammatory protein 1 alpha, partial
NCBI Official Synonym Full Names	C-C motif chemokine 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/human-clia-kits/mip-1alpha/318553>