

Human Macrophage inflammatory protein 3Alpha ELISA Kit | MIP 3Alpha elisa kit

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CATALOG #
AAA83441

REACTIVITY
Human

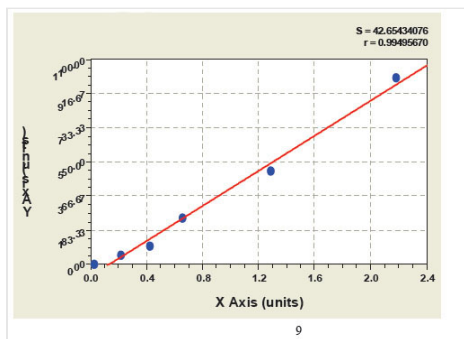
PRODUCT SYNONYMS

Macrophage inflammatory protein 3Alpha; Human Macrophage inflammatory protein 3Alpha ELISA Kit; MIP 3Alpha elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive or Sandwich
Detection Range	25-500pg/mL
Sensitivity	1.0pg/mL
Intended Uses	This alpha1-MG ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human alpha1-MG. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



ADDITIONAL INFORMATION

Related Product Information for MIP 3Alpha elisa kit

Principle of the Assay: alpha1-MG ELISA kit applies the quantitative sandwich enzyme immunoassay technique. The microtiter plate has been pre-coated with a monoclonal antibody specific for alpha1-MG. Standards or samples are then added to the microtiter plate wells and alpha1-MG if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of alpha1-MG present in the sample, a standardized preparation of horseradish peroxidase (HRP) -conjugated polyclonal antibody, specific for alpha1-MG are added to each well to "sandwich" the alpha1-MG immobilized on the plate. The microtiter plate undergoes incubation, and then the wells are thoroughly washed to remove all unbound components. Next, substrate solutions are added to each well. The enzyme (HRP) and substrate are allowed to react over a short incubation period. Only those wells that contain alpha1-MG and enzyme-conjugated antibody will exhibit a change in color. The enzyme-substrate reaction is terminated by addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The alpha1-MG concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	3907618
NCBI GeneID	20297
Molecular Weight	10,755 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; MIP-3A; Scya20; MIP-3[a]; exodus-1
NCBI Protein Information	C-C motif chemokine 20; MIP-3-alpha; CC chemokine LARC; CC chemokine ST38; beta chemokine exodus-1; beta-chemokine exodus-1; small-inducible cytokine A20; small inducible cytokine subfamily A20; macrophage inflammatory protein 3 alpha; liver and activation-regulated chemokine
UniProt Protein Name	C-C motif chemokine 20
UniProt Gene Name	Ccl20
UniProt Synonym Gene Names	Larc; Scya20; MIP-3-alpha
UniProt Entry Name	CCL20_MOUSE

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-3alpha-human-elisa-kits/macrophage-inflammatory-protein-3alpha/83441>