

Bovine Macrophage Inflammatory Protein 1a ELISA Kit | MIP1a elisa kit

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CATALOG #
AAA93267

REACTIVITY
Bovine

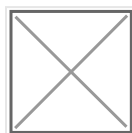
PRODUCT SYNONYMS

Macrophage Inflammatory Protein 1a; Bovine Macrophage Inflammatory Protein 1a ELISA Kit; MIP1a elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Bovine
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	1.0 ng/mL.
Intended Uses	This MIP1A ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Bovine MIP1A. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MIP1a elisa kit	Principle of the Assay: MIP1A ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-MIP1A antibody and an MIP1A-HRP conjugate. The assay sample and buffer are incubated together with MIP1A-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the MIP1A concentration since MIP1A from samples and MIP1A-HRP conjugate compete for the anti-MIP1A antibody binding site. Since the number of sites is limited, as more sites are occupied by MIP1A from the sample, fewer sites are left to bind MIP1A-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The MIP1A concentration in each sample is interpolated from this standard curve.
Product Categories/Family for MIP1a elisa kit	Immunology

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; SIS-beta; PAT 464.1; G0/G1 switch regulatory protein 19-1; macrophage inflammatory protein 1-alpha; tonsillar lymphocyte LD78 alpha protein; small inducible cytokine A3 (homologous to mouse Mip-1a)
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/mip1a-bovine-ovine-elisa-kits/macrophage-inflammatory-protein-1a/93267>