

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

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CATALOG #
AAA90737

REACTIVITY
Sheep

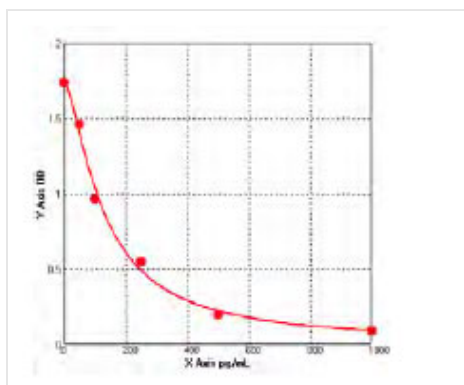
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Sheep
Specificity	This assay has high sensitivity and excellent specificity for detection of MIP-1alpha. No significant cross-reactivity or interference between MIP-1alpha and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between MIP-1alpha and all the analogues, therefore, cross reaction may still exist in some cases.
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Assay Type	Quantitative Competitive
Sensitivity	1.0 pg/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MIP1a elisa kit	Intended Uses: This MIP-1alpha ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Sheep MIP-1alpha. This ELISA kit for research use only, not for therapeutic or test applications! Principle of the Assay: MIP-1alpha ELISA kit applies the competitive enzyme immunoassay technique utilizing an anti-MIP-1alpha antibody and an MIP-1alpha-HRP conjugate. The assay sample and buffer are incubated together with MIP-1alpha-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 MIP-1alpha concentration since MIP-1alpha from samples and MIP-1alpha-HRP conjugate compete for the anti-MIP-1alpha antibody binding site. Since the number of sites is limited, as more sites are occupied by MIP-1alpha from the sample, fewer sites are left to bind MIP-1alpha-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The MIP-1alpha 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-sheep-elisa-kits/macrophage-inflammatory-protein-1a/90737>