

Sheep Myeloid Progenitor Inhibitory Factor 1 ELISA Kit | MPIF-1 elisa kit

Sheep Myeloid Progenitor Inhibitory Factor 1 ELISA Kit

CATALOG # AAA88266	REACTIVITY Sheep
------------------------------	----------------------------

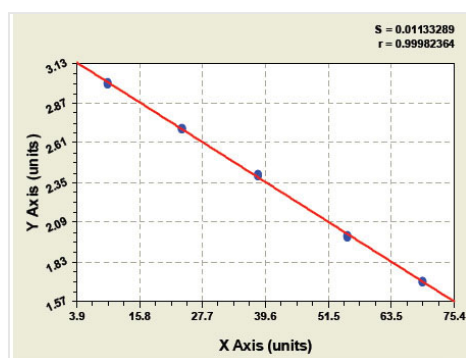
PRODUCT SYNONYMS

Myeloid Progenitor Inhibitory Factor 1; Sheep Myeloid Progenitor Inhibitory Factor 1 ELISA Kit; MPIF-1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Sheep
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	1.0 pg/mL.
Intended Uses	This MPIF-1 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Sheep MPIF-1. 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 MPIF-1 elisa kit	Principle of the Assay: MPIF-1 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-MPIF-1 antibody and an MPIF-1-HRP conjugate. The assay sample and buffer are incubated together with MPIF-1-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 MPIF-1 concentration since MPIF-1 from samples and MPIF-1-HRP conjugate compete for the anti-MPIF-1 antibody binding site. Since the number of sites is limited, as more sites are occupied by MPIF-1 from the sample, fewer sites are left to bind MPIF-1-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The MPIF-1 concentration in each sample is interpolated from this standard curve.
Product Categories/Family for MPIF-1 elisa kit	Neurobiology

NCBI AND UNIPROT INFORMATION

NCBI GI #	1916250
NCBI GeneID	6368
Molecular Weight	15,290 Da
NCBI Official Full Name	MPIF-1
NCBI Official Synonym Full Names	chemokine (C-C motif) ligand 23
NCBI Official Symbol	CCL23
NCBI Official Synonym Symbols	CKb8; MIP3; Ckb-8; MIP-3; MPIF-1; SCYA23; Ckb-8-1; hmrp-2a; CK-BETA-8
NCBI Protein Information	C-C motif chemokine 23; C6 beta-chemokine; macrophage inflammatory protein 3; myeloid progenitor inhibitory factor 1; small inducible cytokine subfamily A (Cys-Cys), member 23
UniProt Protein Name	C-C motif chemokine 23
UniProt Gene Name	CCL23
UniProt Synonym Gene Names	MIP3; MPIF1; SCYA23; CKB-8; MIP-3; MPIF-1
UniProt Entry Name	CCL23_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/mpif-1-sheep-elisa-kits/myeloid-progenitor-inhibitory-factor-1/88266>