

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

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CATALOG #
AAA82594

REACTIVITY
Mouse

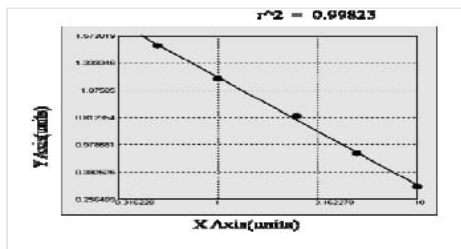
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	50-1000pg/mL
Sensitivity	1.0pg/mL
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

Intended Uses: This MPIF1 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Mouse MPIF1. This ELISA kit for research use only!

Principle of the Assay: MPIF1 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-MPIF1 antibody and an MPIF1-HRP conjugate. The assay sample and buffer are incubated together with MPIF1-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 MPIF1 concentration since MPIF1 from samples and MPIF1-HRP conjugate compete for the anti-MPIF1 antibody binding site. Since the number of sites is limited, as more sites are occupied by MPIF1 from the sample, fewer sites are left to bind MPIF1-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The MPIF1 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; hmrb-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.

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Online datasheet: <https://stage.aaabiotech.com/mpif-1-mouse-elisa-kits/myeloid-progenitor-inhibitory-factor-1/82594>