

Human Myeloid Progenitor Inhibitory Factor 1 (MPIF1) ELISA Kit | MPIF1 elisa kit

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CATALOG #
AAA136113

REACTIVITY
Human

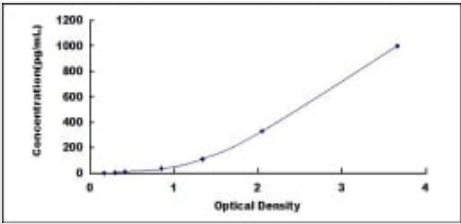
PRODUCT SYNONYMS

Myeloid Progenitor Inhibitory Factor 1 (MPIF1); Human Myeloid Progenitor Inhibitory Factor 1 (MPIF1) ELISA Kit; CCL23; SCYA23; Ckb-8; MIP-3; CKb8; Chemokine(C-C-Motif)ligand 23; Small Inducible Cytokine Subfamily A(Cys-Cys)Member 23; Macrophage inflammatory protein 3; MPIF1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Myeloid Progenitor Inhibitory Factor 1 (MPIF1). No significant cross-reactivity or interference between Myeloid Progenitor Inhibitory Factor 1 (MPIF1) and analogues was observed.
Sequence Length	120
Assay Type	Double-antibody Sandwich
Samples	Serum, Plasma, Tissue homogenates, Cell lysates, Cell culture supernates and other biological fluids
Detection Range	15.6-1,000pg/mL
Sensitivity	6.0pg/mL
Application	Enzyme-linked immunosorbent assay for Antigen Detection.
Intra-assay Precision (Precision within an assay)	3 samples with low, middle and high level Myeloid Progenitor Inhibitory Factor 1 (MPIF1) were tested 20 times on one plate, respectively.
Inter-assay Precision (Precision between assays)	3 samples with low, middle and high level Myeloid Progenitor Inhibitory Factor 1 (MPIF1) were tested on 3 different plates, 8 replicates in each plate.
CV(%) =	SD/meanX100
Intra-Assay	CV<10%
Inter-Assay	CV<12%
Preparation and Storage	The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition. To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MPIF1 elisa kit	The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Myeloid Progenitor Inhibitory Factor 1 (MPIF1). Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody specific to Myeloid Progenitor Inhibitory Factor 1 (MPIF1). Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain Myeloid Progenitor Inhibitory Factor 1 (MPIF1), biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm ± 10nm. The concentration of Myeloid Progenitor Inhibitory Factor 1 (MPIF1) in the samples is then determined by comparing the O.D. of the samples to the standard curve.
Product Categories/Family for MPIF1 elisa kit	Cytokine; Tumor immunity; Infection immunity

NCBI AND UNIPROT INFORMATION

NCBI GI #	1916250
NCBI GeneID	6368
UniProt Accession #	P55773; O00174; O75950; Q52LD4; B7ZKQ3
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
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.