

Human Myeloid Progenitor Inhibitory Factor 1 ELISA Kit | MPIF 1 elisa kit

Human Myeloid Progenitor Inhibitory Factor 1 ELISA Kit

CATALOG #
AAA84234

REACTIVITY
Human

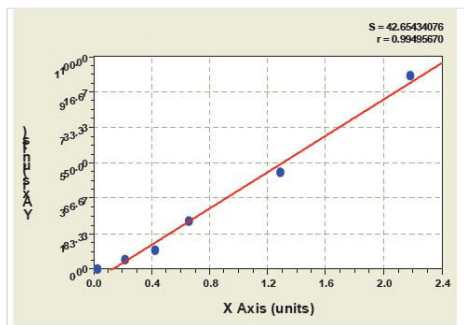
PRODUCT SYNONYMS

Myeloid Progenitor Inhibitory Factor 1; Human Myeloid Progenitor Inhibitory Factor 1 ELISA Kit; MPIF 1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive or Sandwich
Detection Range	50-1000pg/mL
Sensitivity	1.0pg/mL
Intended Uses	This MPIF-1 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human 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 quantitative sandwich enzyme immunoassay technique. The microtiter plate has been pre-coated with a monoclonal antibody specific for MPIF-1. Standards or samples are then added to the microtiter plate wells and MPIF-1 if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of MPIF-1 present in the sample, a standardized preparation of horseradish peroxidase (HRP) -conjugated polyclonal antibody, specific for MPIF-1 are added to each well to "sandwich" the MPIF-1 immobilized on the plate. The microtiter plate undergoes incubation, and then the wells are thoroughly washed to remove all unbound components. Next, substrate solutions are added to each well. The enzyme (HRP) and substrate are allowed to react over a short incubation period. Only those wells that contain MPIF-1 and enzyme-conjugated antibody will exhibit a change in color. The enzyme-substrate reaction is terminated by addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm. 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.

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/mpif-1-human-elisa-kits/myeloid-progenitor-inhibitory-factor-1/84234>