

Human Myeloid Progenitor Inhibitory Factor 2 (MPIF2) ELISA Kit | MPIF2 elisa kit

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CATALOG #
AAA66928

REACTIVITY
Human

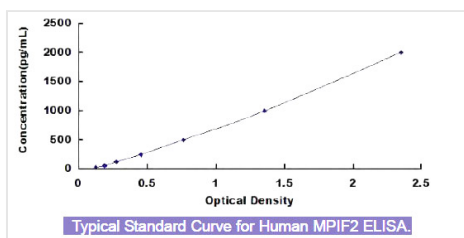
PRODUCT SYNONYMS

Myeloid Progenitor Inhibitory Factor 2 (MPIF2); Human Myeloid Progenitor Inhibitory Factor 2 (MPIF2) ELISA Kit; CCL24; SCYA24; Ckb-6; Eotaxin-2; Chemokine C-C-Motif Ligand 24; Eosinophil chemotactic protein 2; Small Inducible Cytokine Subfamily A(Cys-Cys)Member 24; MPIF2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of MMP9. No significant cross-reactivity or interference between MMP9 and analogues was observed.
Sequence Length	119
Samples	Porcine Serum, Plasma, Tissue Homogenates, Cell Lysates, Cell Culture Supernates Or Other Biological Fluids
Assay Type	Quantitative Sandwich
Detection Range	1.56-100ng/mL
Sensitivity	0.56ng/mL.
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level MMP9 were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level MMP9 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MPIF2 elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for the in vitro quantitative measurement of MMP9 in porcine serum, plasma, tissue homogenates, cell lysates, cell culture supernates or other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to MMP9. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to MMP9. 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 MMP9, 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 MMP9 in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	22165427
NCBI GeneID	6369
NCBI Accession #	NP_002982.2
NCBI GenBank Nucleotide #	NM_002991.2
UniProt Accession #	O00175; B2R5K2
Molecular Weight	13,134 Da
NCBI Official Full Name	C-C motif chemokine 24
NCBI Official Synonym Full Names	C-C motif chemokine ligand 24
NCBI Official Symbol	CCL24
NCBI Official Synonym Symbols	Ckb-6; MPIF2; MPIF-2; SCYA24
NCBI Protein Information	C-C motif chemokine 24
UniProt Protein Name	C-C motif chemokine 24
UniProt Gene Name	CCL24
UniProt Synonym Gene Names	MPIF2; SCYA24; MPIF-2

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/human-elisa-kits/myeloid-progenitor-inhibitory-factor-2-mpif2/66928>