

Mouse Myeloid Progenitor Inhibitory Factor 2 (MPIF2) CLIA Kit | MPIF2 clia kit

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CATALOG # AAA188966	REACTIVITY Mouse	APPLICATIONS CLIA (Chemiluminescence Immunoassay)
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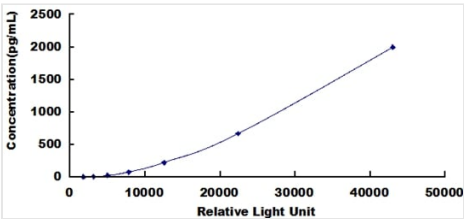
PRODUCT SYNONYMS

Myeloid Progenitor Inhibitory Factor 2 (MPIF2); Mouse Myeloid Progenitor Inhibitory Factor 2 (MPIF2) CLIA Kit; Myeloid Progenitor Inhibitory Factor 2; 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 clia kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of Myeloid Progenitor Inhibitory Factor 2 (MPIF2). No significant cross-reactivity or interference between Myeloid Progenitor Inhibitory Factor 2 (MPIF2) and analogues was observed.
Sequence Length	119
Assay Type	Double-antibody Sandwich
Samples	Serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids
Detection Range	2.74-2,000pg/mL
Sensitivity	The minimum detectable dose of this kit is typically less than 0.97pg/mL
Applicable Applications for MPIF2 clia kit	CLIA (Chemiluminescence Immunoassay)
Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level Myeloid Progenitor Inhibitory Factor 2 (MPIF2) 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 2 (MPIF2) were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100 Intra-Assay: CV<10% Inter-Assay: CV<12%
Test Principle	The microplate provided in this kit has been pre-coated with an antibody specific to Myeloid Progenitor Inhibitory Factor 2 (MPIF2). Standards or samples are then added to the appropriate microplate wells with a biotin-conjugated antibody specific to Myeloid Progenitor Inhibitory Factor 2 (MPIF2). Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then the mixture of substrate A and B is added to generate glow light emission kinetics. Upon plate development, the intensity of the emitted light is proportional to the Myeloid Progenitor Inhibitory Factor 2 (MPIF2) level in the sample or standard.
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)

NCBI AND UNIPROT INFORMATION

NCBI GI #	9625035
NCBI GeneID	56221
NCBI Accession #	NP_062523.1
NCBI GenBank Nucleotide #	NP_062523.1
UniProt Accession #	Q9JKC0
NCBI Official Full Name	C-C motif chemokine 24
NCBI Official Synonym Full Names	chemokine (C-C motif) ligand 24
NCBI Official Symbol	Ccl24
NCBI Official Synonym Symbols	CKb-6; 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	Scya24
UniProt Entry Name	CCL24_MOUSE

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/mouse-clia-kits/myeloid-progenitor-inhibitory-factor-2-mpif2/188966>