

Mouse macrophage migration inhibitory factor (glycosylation-inhibiting factor) ELISA Kit | MIF elisa kit

Mouse Macrophage Migration Inhibitory Factor, MIF ELISA Kit

CATALOG # AAA15128	REACTIVITY Mouse
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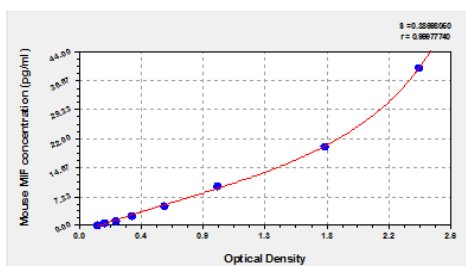
PRODUCT SYNONYMS

macrophage migration inhibitory factor (glycosylation-inhibiting factor); Mouse Macrophage Migration Inhibitory Factor; MIF ELISA Kit; GIF; GLIF; MMIF; macrophage migration inhibitory factor; phenylpyruvate tautomerase; MIF elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of mouse MIF. No significant cross-reactivity or interference between mouse MIF and analogues was observed.
Sequence Length	115
Samples	Serum, plasma, cell culture supernates and tissue homogenates
Assay Type	Sandwich
Detection Range	0.625 pg/ml -40 pg/ml.
Sensitivity	The minimum detectable dose of mouse MIF is typically less than 0.156 pg/ml. The sensitivity of this assay, or Lower Limit of Detection (LLD) was defined as the lowest protein concentration that could be differentiated from zero. It was determined the mean O.D value of 20 replicates of the zero standard added by their three standard deviations.
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MIF elisa kit	Principle of the assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for MIF has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any MIF present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for MIF is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of MIF bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	6754696
NCBI GeneID	17319
NCBI Accession #	NP_034928.1
NCBI GenBank Nucleotide #	NM_010798.2
UniProt Accession #	P34884
Molecular Weight	12,504 Da
NCBI Official Full Name	macrophage migration inhibitory factor
NCBI Official Synonym Full Names	macrophage migration inhibitory factor
NCBI Official Symbol	Mif
NCBI Official Synonym Symbols	GIF; Glif
NCBI Protein Information	macrophage migration inhibitory factor; DER6; L-dopachrome isomerase; L-dopachrome tautomerase; phenylpyruvate tautomerase; glycosylation-inhibiting factor; delayed early response protein 6
UniProt Protein Name	Macrophage migration inhibitory factor
UniProt Gene Name	Mif
UniProt Synonym Gene Names	MIF; DER6; GIF
UniProt Entry Name	MIF_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/mif-mouse-elisa-kits/macrophage-migration-inhibitory-factor-glycosylation-inhibiting-factor/15128>