

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

Human Macrophage Migration Inhibitory Factor, MIF ELISA Kit

CATALOG # AAA79965	REACTIVITY Human
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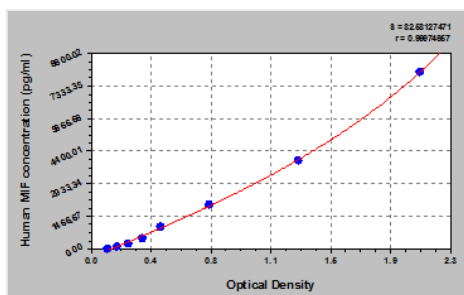
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human MIF. No significant cross-reactivity or interference between human MIF and analogues was observed.
Sequence Length	115
Samples	Serum, plasma, tissue homogenates.
Assay Type	Sandwich
Detection Range	125 pg/ml -8000 pg/ml.
Sensitivity	31.25 pg/ml.
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 #	4505185
NCBI GeneID	4282
NCBI Accession #	NP_002406.1
NCBI GenBank Nucleotide #	NM_002415.1
UniProt Accession #	P14174; Q2V4Y5; Q6FHV0; A5Z1R8; B2R4S3
Molecular Weight	12,476 Da
NCBI Official Full Name	macrophage migration inhibitory factor
NCBI Official Synonym Full Names	macrophage migration inhibitory factor (glycosylation-inhibiting factor)
NCBI Official Symbol	MIF
NCBI Official Synonym Symbols	GIF; GLIF; MMIF
NCBI Protein Information	macrophage migration inhibitory factor; L-dopachrome isomerase; L-dopachrome tautomerase; phenylpyruvate tautomerase
UniProt Protein Name	Macrophage migration inhibitory factor
UniProt Gene Name	MIF
UniProt Synonym Gene Names	GLIF; MMIF; MIF; GIF
UniProt Entry Name	MIF_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.

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Online datasheet: <https://stage.aaabiotech.com/mif-human-elisa-kits/macrophage-migration-inhibitory-factor-glycosylation-inhibiting-factor/79965>