

Human MIF (Macrophage Migration Inhibitory Factor) ELISA Kit | MIF elisa kit

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CATALOG #
AAA278127

REACTIVITY
Human

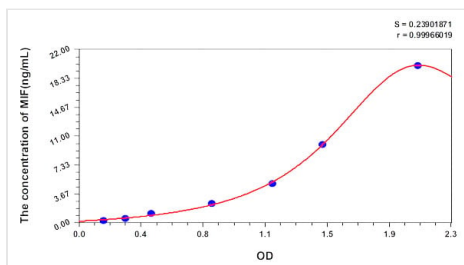
PRODUCT SYNONYMS

MIF (Macrophage Migration Inhibitory Factor); Human MIF (Macrophage Migration Inhibitory Factor) ELISA Kit; GIF; GLIF; MMIF; Glycosylation-Inhibiting Factor; L-dopachrome isomerase; L-dopachrome tautomerase; Phenylpyruvate tautomerase; MIF elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Assay Type	Sandwich
Samples	serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids
Detection Range	0.78-50ng/mL
Sensitivity	0.21ng/mL

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MIF elisa kit

Test Principle: The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Human MIF. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human MIF. 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 Human MIF, 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 Human MIF in the samples is then determined by comparing the OD of the samples to the standard curve.

Product Categories/Family for MIF elisa kit

[Cytokine](#); [Infection immunity](#); [Rheumatology](#); [Autoimmunity](#)

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://www.aaabiotech.com/human-elisa-kits/mif-macrophage-migration-inhibitory-factor/278127>