

Mouse MIF ELISA Kit | MIF elisa kit

Mouse MIF (Macrophage Migration Inhibitory Factor) ELISA Kit

CATALOG #
AAA165251

REACTIVITY
Mouse

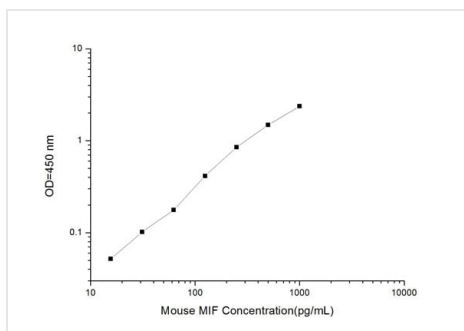
PRODUCT SYNONYMS

MIF; Mouse MIF (Macrophage Migration Inhibitory Factor) ELISA Kit; 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. Note: Limited by current skills and knowledge, it is impossible for us to complete the cross- reactivity detection between Mouse MIF and all the analogues, therefore, cross reaction may still exist.
Sequence Length	115
Samples	Serum, Plasma, Biological Fluids
Assay Type	Sandwich
Detection Range	15.625-1000pg/mL
Sensitivity	Min: 9.375pg/mL; Max: 1000pg/mL
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MIF elisa kit	Description: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of MIF in Mouse serum, plasma and other biological fluids Principle of the Assay: This ELISA kit uses Sandwich-ELISA as the method. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to Mouse MIF. Standards or samples are added to the appropriate micro ELISA plate wells and bound by the specific antibody. Then a biotinylated detection antibody specific for Mouse MIF and Avidin-Horseradish Peroxidase (HRP) conjugate is added to each micro plate well successively and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain Mouse MIF, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The OD value is proportional to the concentration of Mouse MIF. You can calculate the concentration of Mouse MIF in the samples by comparing the OD of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	47678571
NCBI GeneID	4282
UniProt Accession #	P14174; Q2V4Y5; Q6FHV0; A5Z1R8; B2R4S3
Molecular Weight	12,476 Da
NCBI Official Full Name	MIF
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/mouse-elisa-kits/mif/165251>