

Macrophage migration inhibitory factor ELISA Kit | Mif elisa kit

Rat Macrophage migration inhibitory factor ELISA Kit

CATALOG #
AAA99844

REACTIVITY
Rat

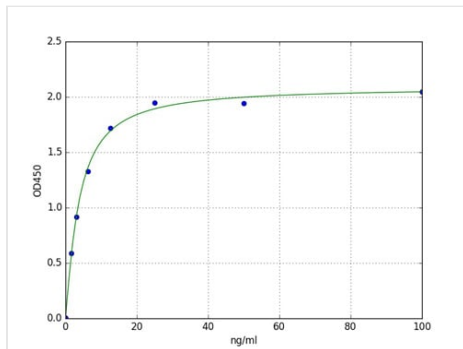
PRODUCT SYNONYMS

Macrophage migration inhibitory factor; Rat Macrophage migration inhibitory factor ELISA Kit; Mif (Macrophage migration inhibitory factor)/GIFmacrophage migration inhibitory factor/GLIF/Glycosylation-inhibiting factor/L-dopachrome isomerase/L-dopachrome tautomerase/macrophage migration inhibitory factor (glycosylation-inhibiting factor)/MMIF/Phenylpyruvate tautomerase; Mif elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	115
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.156-10ng/ml
Sensitivity	0.094ng/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Typical Data & Standard Curve

Results of a typical standard run of a Rat Mif ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	ng/ml	0	1.563	3.125	6.25	12.5	25	50	100
Y	OD450	0.004	0.533	0.834	1.494	1.600	1.923	1.863	2.131

Standard Curve (Sample)

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Mif elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. anti-Rat Mif antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Rat Mif antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the Rat Mif amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Rat Mif can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4505185
NCBI GeneID	4282
NCBI Accession #	NP_002406.1
NCBI GenBank Nucleotide #	NM_002415.1
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
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-rat-elisa-kits/macrophage-migration-inhibitory-factor/99844>