

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

Human Macrophage Migration Inhibitory Factor (MIF) ELISA Kit

CATALOG #
AAA331770

REACTIVITY
Human

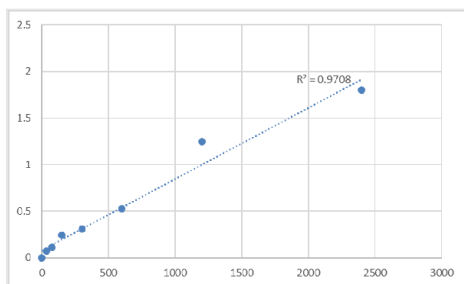
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human Macrophage Migration Inhibitory Factor (MIF) ELISA Kit 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
Assay Type	Sandwich ELISA (Quantitative)
Samples	Cell Culture Supernatants, Serum, Plasma, Other Biological Fluids
Detection Method	Colorimetric
Usage Notes	* Do not mix components from different kit lots or use reagents beyond the kit expiration date. * Allow all reagents to warm to room temperature for at least 30 minutes before opening. * Pre-rinse the pipet tip with reagent, use fresh pipet tips for each sample, standard and reagent to avoid contamination. * Unused wells must be kept desiccated at 4 degree C in the sealed bag provided. * Mix Thoroughly is very important for the result. It is recommended using low frequency oscillator or slight hand shaking every 10 minutes. * It is recommended that all samples and standards be assayed in duplicate or triplicate.
Preparation and Storage	Store at 2-8 degree C.

IMAGES



Standard Curve (Sample)

Fig.1. Human Macrophage Migration Inhibitory Factor (MIF) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for MIF elisa kit	Description: This Human Macrophage Migration Inhibitory Factor (MIF) ELISA Kit employs a two-site sandwich ELISA to quantitate MIF in samples. An 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, Streptavidin 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. Background: MIF encodes a lymphokine involved in cell-mediated immunity, immunoregulation, and inflammation. It plays a role in the regulation of macrophage function in host defense through the suppression of anti-inflammatory effects of glucocorticoids. This lymphokine and the JAB1 protein form a complex in the cytosol near the peripheral plasma membrane, which may indicate an additional role in integrin signaling pathways.
---	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	4505185
NCBI GeneID	4282
NCBI Accession #	NP_002406.1
NCBI GenBank Nucleotide #	NP_002406.1
UniProt Accession #	P14174
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; 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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/macrophage-migration-inhibitory-factor-mif/331770>