

## Human Macrophage Migration Inhibitory Factor, MIF ELISA Kit | MIF elisa kit

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CATALOG #  
**AAA41896**

REACTIVITY  
**Human**

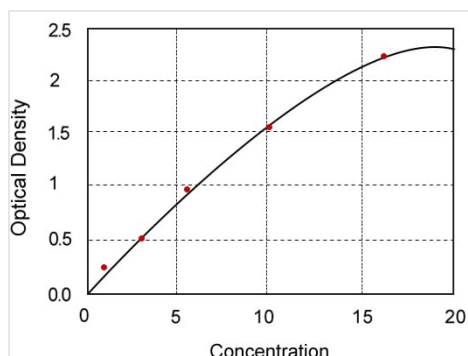
### PRODUCT SYNONYMS

Macrophage Migration Inhibitory Factor; MIF; Human Macrophage Migration Inhibitory Factor; MIF ELISA Kit; MIF elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                          |
|-------------------------|--------------------------------------------------------------------------|
| Reactivity              | Human                                                                    |
| Sequence Length         | 115                                                                      |
| Samples                 | Serum, plasma, cell culture supernates, cell lysates, tissue homogenates |
| Assay Type              | Quantitative Sandwich                                                    |
| Detection Range         | 0.1ng/ml - 40g/ml                                                        |
| Sensitivity             | 0.05ng/ml                                                                |
| Intra-Assay             | CV<8%                                                                    |
| Inter-Assay             | CV<10%                                                                   |
| Preparation and Storage | Store at 2 to 8 degree C for 6 months.                                   |

### IMAGES



Standard Curve (Sample)

### ADDITIONAL INFORMATION

#### Related Product Information for MIF elisa kit

**Intended Uses:** This sandwich kit is for the accurate quantitative detection of human Macrophage Migration Inhibitory Factor (also known as MIF) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

**Principles of the Assay:** This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with human MIF antibody. MIF present in the sample is added and binds to antibodies coated on the wells. And then biotinylated human MIF Antibody is added and binds to MIF in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated MIF antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of human MIF. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

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 |
| 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                   |

**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/human-elisa-kits/macrophage-migration-inhibitory-factor-mif/41896>