

ARG81294 Human MIF ELISA Kit

Package: 96 wells
Store at: 4°C

Summary

Product Description	ARG81294 Human MIF ELISA Kit is an Enzyme Immunoassay kit for the quantification of Human MIF in serum, plasma (platelet free) and cell culture supernatants
Tested Reactivity	Hu
Tested Application	ELISA
Target Name	MIF
Conjugation	HRP
Conjugation Note	Substrate: TMB and read at 450 nm.
Sensitivity	15 pg/ml
Sample Type	serum, plasma (platelet free) and cell culture supernatants
Standard Range	31.25 - 2000 pg/ml
Sample Volume	100 µl
Alternate Names	Phenylpyruvate tautomerase; L-dopachrome tautomerase; GLIF; L-dopachrome isomerase; MMIF; Macrophage migration inhibitory factor; MIF; GIF; EC 5.3.2.1; Glycosylation-inhibiting factor; EC 5.3.3.12

Application Instructions

Assay Time ~ 3.5 hours

Properties

Form	96 well
Storage instruction	Store the kit at 2-8°C. Keep microplate wells sealed in a dry bag with desiccants. Do not expose test reagents to heat, sun or strong light during storage and usage. Please refer to the product user manual for detail temperatures of the components.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol	MIF
Gene Full Name	macrophage migration inhibitory factor (glycosylation-inhibiting factor)
Background	This gene 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. [provided by RefSeq, Jul 2008]
Function	Pro-inflammatory cytokine. Involved in the innate immune response to bacterial pathogens. The expression of MIF at sites of inflammation suggests a role as mediator in regulating the function of

macrophages in host defense. Counteracts the anti-inflammatory activity of glucocorticoids. Has phenylpyruvate tautomerase and dopachrome tautomerase activity (in vitro), but the physiological substrate is not known. It is not clear whether the tautomerase activity has any physiological relevance, and whether it is important for cytokine activity. [UniProt]

Highlight

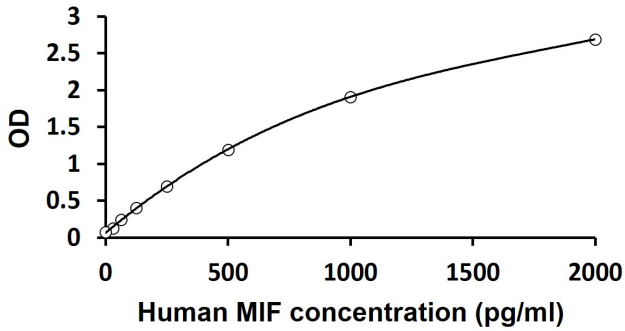
Related products:

[MIF antibodies](#); [MIF ELISA Kits](#); [MIF Duos / Panels](#);

New ELISA data calculation tool:

[Simplify the ELISA analysis by GainData](#)

Images



ARG81294 Human MIF ELISA Kit standard curve image

ARG81294 Human MIF ELISA Kit results of a typical standard run with optical density reading at 450 nm.