

Human Monokine Induced By Interferon Gamma (Mlg) ELISA Kit | Mlg elisa kit

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CATALOG #
AAA66821

REACTIVITY
Human

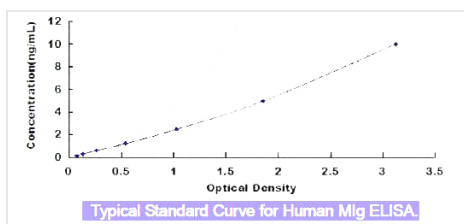
PRODUCT SYNONYMS

Monokine Induced By Interferon Gamma (Mlg); Human Monokine Induced By Interferon Gamma (Mlg) ELISA Kit; CXCL9; CMK; Humig; MI-G; SCYB9; Crg-10; Chemokine (C-X-C motif) ligand 9; Small-inducible cytokine B9; Gamma-interferon-induced monokine; Mlg elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of MCP1. No significant cross-reactivity or interference between MCP1 and analogues was observed.
Sequence Length	125
Samples	Mouse Serum, Plasma, Tissue Homogenates, Cell Lysates, Cell Culture Supernates Or Other Biological Fluids
Assay Type	Quantitative Sandwich
Detection Range	7.81-500pg/mL
Sensitivity	2.3pg/mL.
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level MCP1 were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level MCP1 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Mlg elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for the in vitro quantitative measurement of MCP1 in mouse serum, plasma, tissue homogenates, cell lysates, cell culture supernates or other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to MCP1. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to MCP1. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain MCP1, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of MCP1 in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	161579144
NCBI GeneID	513990
Molecular Weight	14,106 Da
NCBI Official Full Name	monokine induced by interferon gamma
NCBI Official Symbol	CXCL9
NCBI Protein Information	C-X-C motif chemokine 9
UniProt Protein Name	C-X-C motif chemokine 9
UniProt Gene Name	CXCL9

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.