

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

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CATALOG #
AAA185259

REACTIVITY
Rat

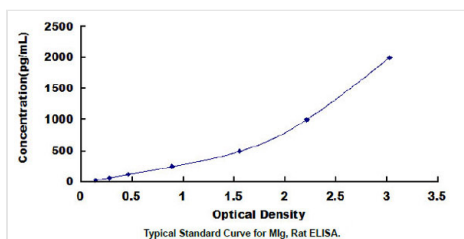
PRODUCT SYNONYMS

Monokine Induced By Interferon Gamma (Mlg); Rat 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	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of Mlg. No significant cross-reactivity or interference between Mlg and analogues was observed.
Sequence Length	125
Samples	Serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids
Assay Type	Quantitative Sandwich
Detection Range	31.2-2,000pg/mL
Sensitivity	< 13.1pg/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level Mlg 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 Mlg were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition. To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Mlg elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of Mlg in rat serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids. Principle of the Assay: The microplate provided in this kit has been pre-coated with an antibody specific to Mlg. Standards or samples are then added to the appropriate microplate wells with a biotin-conjugated antibody specific to Mlg. 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 Mlg, 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 Mlg 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
UniProt Accession #	A9QWP9
Molecular Weight	14,106 Da
NCBI Official Full Name	monokine induced by interferon gamma
NCBI Official Synonym Full Names	C-X-C motif chemokine ligand 9
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.