

Mouse chemokine (C-X-C motif) ligand 2 ELISA Kit | CXCL2 elisa kit

Mouse Macrophage Inflammatory Protein 2, MIP-2 ELISA Kit

CATALOG #
AAA80726

REACTIVITY
Mouse

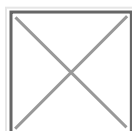
PRODUCT SYNONYMS

chemokine (C-X-C motif) ligand 2; Mouse Macrophage Inflammatory Protein 2; MIP-2 ELISA Kit; MIP-2 ELISA kit; CINC-2a; GRO2; GROb; MGSA-b; MIP-2a; MIP2; MIP2A; SCYB2; GRO2 oncogene; MGSA beta; melanoma growth stimulatory activity beta; CXCL2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of Mouse CXCL2. No significant cross-reactivity or interference between Mouse CXCL2 and analogues was observed.
Sequence Length	100
Samples	Serum, plasma, tissue homogenates, cell culture supernates
Assay Type	Sandwich
Detection Range	12.5 pg/ml-800 pg/ml
Sensitivity	3.12 pg/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV% is less than 8% Three samples of known concentration were tested twenty times on one plate to assess. Inter-assay Precision (Precision between assays): CV% is less than 10% Three samples of known concentration were tested in twenty assays to assess.
Detection Wavelength	450 nm
Sample Volume	50-100ul
Protein Biological Process 1	Immunity
Protein Biological Process 2	chemokine
Protein Biological Process 3	Chemotaxis
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CXCL2 elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for MIP-2 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any MIP-2 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for MIP-2 is added to the wells. After washing, avidin 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 MIP-2 bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	6677885
NCBI GeneID	20310
NCBI Accession #	NP_033166.1
NCBI GenBank Nucleotide #	NM_009140.2
UniProt Accession #	P10889
Molecular Weight	10,621 Da
NCBI Official Full Name	C-X-C motif chemokine 2
NCBI Official Synonym Full Names	chemokine (C-X-C motif) ligand 2
NCBI Official Symbol	Cxcl2
NCBI Official Synonym Symbols	GROb; Gro2; Mip2; Scyb; MIP-2; Scyb2; MIP-2a; Mgsa-b; CINC-2a
NCBI Protein Information	C-X-C motif chemokine 2; macrophage inflammatory protein 2; small inducible cytokine subfamily, member 2
UniProt Protein Name	C-X-C motif chemokine 2
UniProt Gene Name	Cxcl2
UniProt Synonym Gene Names	Mip-2; Mip2; Scyb2; MIP2
UniProt Entry Name	CXCL2_MOUSE

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/cxcl2-mouse-elisa-kits/chemokine-c-x-c-motif-ligand-2/80726>