

Mouse C-X-C Motif Chemokine 2, Cxcl2 ELISA Kit | Cxcl2 elisa kit

Mouse C-X-C Motif Chemokine 2, Cxcl2 Primacu ELISA Kit

CATALOG #
AAA124442

REACTIVITY
Mouse

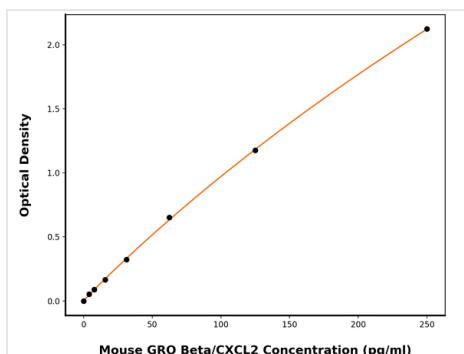
PRODUCT SYNONYMS

C-X-C Motif Chemokine 2; Cxcl2; Mouse C-X-C Motif Chemokine 2; Cxcl2 Primacu ELISA Kit; C-X-C motif chemokine 2; GRO Beta; Mip-2; Mip2; Scyb2; Cxcl2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Assay Type	Sandwich
Samples	Serum, plasma, cell culture supernates
Detection Range	3.91-250pg/mL
Sensitivity	1.51pg/mL
Standard Solution	2.5ng/mL
Assay Time	3.5h
Preparation and Storage	Store at 2-8 degree C

IMAGES



Standard Curve (Sample)

Typical Testing Data/Standard Curve (for reference only)

ADDITIONAL INFORMATION

Related Product Information for Cxcl2 elisa kit	Chemokine (C-X-C motif) ligand 2 (CXCL2), also called macrophage inflammatory protein 2 (MIP-2), Growth-regulated protein beta (Gro-beta) and Gro oncogene-2 (Gro-2), is a small cytokine belonging to the CXC chemokine family. CXCL2/MIP-2 is selectively up-regulated in tolerance-conferring APCs and serves to recruit NKT cells to the splenic marginal zone, where they form clusters with APCs and T cells. In the absence of the high-affinity receptor for CXCL2/MIP-2 or in the presence of a blocking Ab to CXCL2/MIP-2, peripheral tolerance is prevented, and Ag-specific T regulatory cells are not generated. CXCL2/MIP-2 is selectively up-regulated in tolerance-conferring APCs and serves to recruit NKT cells to the splenic marginal zone, where they form clusters with APCs and T cells. In the absence of the high-affinity receptor for MIP-2 (as in CXCR2-deficient mice) or in the presence of a blocking Ab to MIP-2, peripheral tolerance is prevented, and Ag-specific T regulatory cells are not generated. Understanding the regulation of lymphocyte traffic during tolerance induction may lead to novel therapies for autoimmunity, graft acceptance, and tumor rejection. Several studies have implicated the CXCL2 chemokine as a mediator in the development of sepsis. CXCL2/MIP-2 also plays a major role in mediating the neutrophilic inflammatory response of the rodent lung to particles such as quartz, crocidolite asbestos, as well as high doses of other relative innocuous dusts such as titanium dioxide.
Product Categories/Family for Cxcl2 elisa kit	Primacu ELISA Kit; Neuroscience; Immunology

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.

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Online datasheet: <https://stage.aaabiotech.com/mouse-elisa-kits/c-x-c-motif-chemokine-2-cxcl2/124442>