

Mouse chemokine (C-X-C motif) ligand 1 (melanoma growth stimulating activity, alpha) (CXCL1) ELISA Kit | CXCL1 elisa kit

Mouse chemokine (C-X-C motif) ligand 1 (melanoma growth stimulating activity, alpha) , CXCL1 ELISA Kit

CATALOG #
AAA80928

REACTIVITY
Mouse

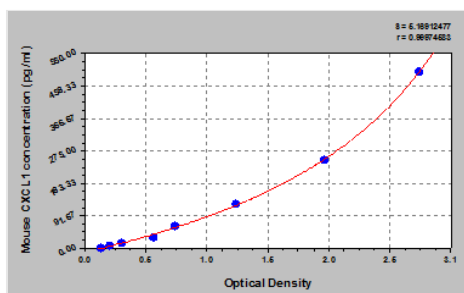
PRODUCT SYNONYMS

chemokine (C-X-C motif) ligand 1 (melanoma growth stimulating activity; alpha) (CXCL1); Mouse chemokine (C-X-C motif) ligand 1 (melanoma growth stimulating activity; alpha); CXCL1 ELISA Kit; alpha) (CXCL1) ELISA kit; FSP; GRO1; GROa; MGSA; MGSA-a; NAP-3; SCYB1; GRO1 oncogene (melanoma growth stimulating activity; alpha) ; GRO1 oncogene (melanoma growth-stimulating activity) ; MGSA alpha; chemokine (C-X-C motif) ligand; CXCL1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of Mouse CXCL1. No significant cross-reactivity or interference between Mouse CXCL1 and analogues was observed.
Sequence Length	96
Samples	Serum, plasma, tissue homogenates, cell culture supernates
Assay Type	Sandwich
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 3	Inflammatory response
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 CXCL1 elisa kit	For samples: For the quantitative determination of mouse chemokine (C-X-C motif) ligand 1 (melanoma growth stimulating activity, alpha) (CXCL1) concentrations in serum, plasma, tissue homogenates, cell culture supernates. PRINCIPLE OF THE ASSAY This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for CXCL1 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any CXCL1 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for CXCL1 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 CXCL1 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 #	6680109
NCBI GeneID	14825
NCBI Accession #	NP_032202.1
NCBI GenBank Nucleotide #	NM_008176.3
UniProt Accession #	P12850
Molecular Weight	10,254 Da
NCBI Official Full Name	growth-regulated alpha protein
NCBI Official Synonym Full Names	chemokine (C-X-C motif) ligand 1
NCBI Official Symbol	Cxcl1
NCBI Official Synonym Symbols	KC; Fsp; N51; gro; Gro1; Mgsa; Scyb1
NCBI Protein Information	growth-regulated alpha protein; KC/GR)-alpha; KC/GRO-alpha; GRO1 oncogene; alpha-chemokine; secretory protein N51; C-X-C motif chemokine 1; platelet-derived growth factor-inducible protein KC
UniProt Protein Name	Growth-regulated alpha protein
UniProt Gene Name	Cxcl1
UniProt Synonym Gene Names	Gro; Gro1; Mgsa; Scyb1; HSF
UniProt Entry Name	GROA_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/mouse-elisa-kits/chemokine-c-x-c-motif-ligand-1-melanoma-growth-stimulating-activity-alpha-cxcl1/80928>