

Mouse GROalpha/CXCL1 (Growth Regulated Oncogene Alpha) ELISA Kit | GROalpha/CXCL1 elisa kit

MS Mouse GROalpha/CXCL1 (Growth Regulated Oncogene Alpha) ELISA Kit

CATALOG #
AAA178060

REACTIVITY
Mouse

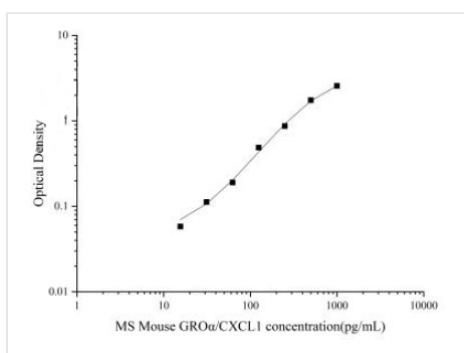
PRODUCT SYNONYMS

GROalpha/CXCL1 (Growth Regulated Oncogene Alpha); MS Mouse GROalpha/CXCL1 (Growth Regulated Oncogene Alpha) ELISA Kit; GROalpha/CXCL1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This kit recognizes Mouse GROalpha/CXCL1 in samples. No significant cross-reactivity or interference between Mouse GROalpha/CXCL1 and analogues was observed
Assay Type	Quantitative Sandwich
Samples	Serum, plasma and other biological fluids
Detection Range	15.63-1000 pg/mL
Sensitivity	10.01 pg/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, mid range and high level Mouse GROalpha/CXCL1 were tested 20 times on one plate, respectively.
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, mid range and high level Mouse GROalpha/CXCL1 were tested on 3 different plates, 20 replicates in each plate, respectively.
Preparation and Storage	An unopened kit can be stored at 2-8 degree C for 1 month. If the kit is not supposed to be used within 1 month, store the components separately according to the following conditions once the kit is received.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for GROalpha/CXCL1 elisa kit	Principle of the Assay: This ELISA kit uses the Sandwich-ELISA principle. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to Mouse GROalpha/CXCL1. Samples (or Standards) are added to the micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for Mouse GROalpha/CXCL1 and Avidin-Horseradish Peroxidase (HRP) conjugate are added successively to each micro plate well and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain Mouse GROalpha/CXCL1, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzymesubstrate reaction is terminated by the addition of stop solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 ± 2 nm. The OD value is proportional to the concentration of Mouse GROalpha/CXCL1. You can calculate the concentration of Mouse GROalpha/CXCL1 in the samples by comparing the OD of the samples to the standard curve. Intended Uses: This ELISA kit applies to the in vitro quantitative determination of Mouse GROalpha/CXCL1 concentrations in serum, plasma and other biological fluids.
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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; C-X-C motif chemokine 1; GRO1 oncogene; KC/GR)-alpha; KC/GRO-alpha; alpha-chemokine; platelet-derived growth factor-inducible protein KC; secretory protein N51
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.

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Online datasheet: <https://stage.aaabiotech.com/mouse-elisa-kits/groalpha-cxcl1-growth-regulated-oncogene-alpha/178060>