

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

Human growth-regulated oncogenealpha/melanoma growth stimulating activity, GROalpha/MGSA ELISA Kit

CATALOG #

AAA79549

REACTIVITY

Human

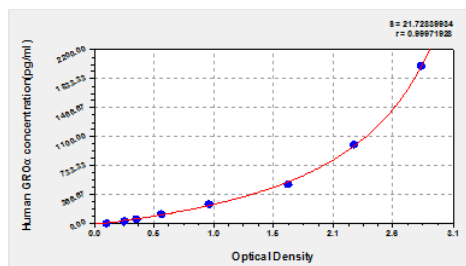
PRODUCT SYNONYMS

chemokine (C-X-C motif) ligand 1 (melanoma growth stimulating activity; alpha); Human growth-regulated oncogenealpha/melanoma growth stimulating activity; GROalpha/MGSA 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	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human CXCL1. No significant cross-reactivity or interference between Human CXCL1 and analogues was observed.
Sequence Length	107
Samples	Serum, cell culture supernates, urine, tissue homogenates
Assay Type	Sandwich
Detection Range	31.25 pg/ml-2000 pg/ml
Sensitivity	7.8 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 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	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for GROalpha has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any GROalpha present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for GROalpha 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 GROalpha 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 #	4504153
NCBI GeneID	2919
NCBI Accession #	NP_001502.1
NCBI GenBank Nucleotide #	NM_001511.3
UniProt Accession #	P09341; Q9UCR7
Molecular Weight	11,301 Da
NCBI Official Full Name	growth-regulated alpha protein
NCBI Official Synonym Full Names	chemokine (C-X-C motif) ligand 1 (melanoma growth stimulating activity, alpha)
NCBI Official Symbol	CXCL1
NCBI Official Synonym Symbols	FSP; GRO1; GROa; MGSA; NAP-3; SCYB1; MGSA-a
NCBI Protein Information	growth-regulated alpha protein; MGSA alpha; GRO-alpha(1-73); C-X-C motif chemokine 1; fibroblast secretory protein; neutrophil-activating protein 3; melanoma growth stimulatory activity alpha; GRO1 oncogene (melanoma growth-stimulating activity); GRO1 oncogene (melanoma growth stimulating activity, alpha)
UniProt Protein Name	Growth-regulated alpha protein
UniProt Gene Name	CXCL1
UniProt Synonym Gene Names	GRO; GRO1; GROA; MGSA; SCYB1; MGSA; NAP-3
UniProt Entry Name	GROA_HUMAN

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.