

Human chemokine (C-X-C motif) ligand 3 ELISA Kit | CXCL3 elisa kit

Human C-X-C motif chemokine 3, CXCL3 ELISA Kit

CATALOG #
AAA112421

REACTIVITY
Human

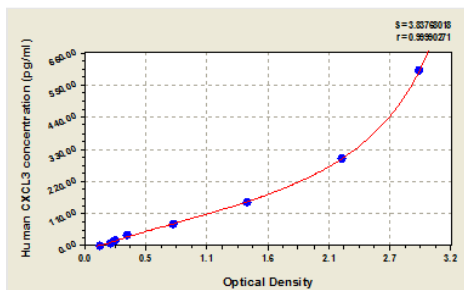
PRODUCT SYNONYMS

chemokine (C-X-C motif) ligand 3; Human C-X-C motif chemokine 3; CXCL3 ELISA Kit; Human C-X-C motif chemokine 3 (CXCL3) ELISA kit; CINC-2b; GRO3; GROg; MIP-2b; MIP2B; SCYB3; GRO3 oncogene; MGSA gamma; melanoma growth stimulatory activity gamma; CXCL3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human CXCL3. No significant cross-reactivity or interference between human CXCL3 and analogues was observed.
Sequence Length	107
Samples	Serum, plasma, tissue homogenates.
Assay Type	Sandwich
Detection Range	9.37 pg/ml -600 pg/ml.
Sensitivity	The minimum detectable dose of human CXCL3 is typically less than 2.34 pg/ml. The sensitivity of this assay, or Lower Limit of Detection (LLD) was defined as the lowest protein concentration that could be differentiated from zero. It was determined the mean O.D value of 20 replicates of the zero standard added by their three standard deviations.
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
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 CXCL3 elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for CXCL3 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any CXCL3 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for CXCL3 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 CXCL3 bound in the initial step. The color development is stopped and the intensity of the color is measured.
References	ESM-1 siRNA Knockdown Decreased Migration and Expression of CXCL3 in Prostate Cancer Cells . Juan Rebollo, Jan Geliebter, and Niradiz Reyes (2017)

NCBI AND UNIPROT INFORMATION

NCBI GI #	54144650
NCBI GeneID	2921
NCBI Accession #	NP_002081.2
NCBI GenBank Nucleotide #	NM_002090.2
UniProt Accession #	P19876; Q4W5H9
Molecular Weight	11,342 Da
NCBI Official Full Name	C-X-C motif chemokine 3
NCBI Official Synonym Full Names	chemokine (C-X-C motif) ligand 3
NCBI Official Symbol	CXCL3
NCBI Official Synonym Symbols	GRO3; GROg; MIP2B; SCYB3; MIP-2b; CINC-2b
NCBI Protein Information	C-X-C motif chemokine 3; GRO-gamma; MIP2-beta; MGSA gamma; GRO3 oncogene; GRO-gamma(1-73); growth-regulated protein gamma; macrophage inflammatory protein 2-beta; melanoma growth stimulatory activity gamma
UniProt Protein Name	C-X-C motif chemokine 3
UniProt Gene Name	CXCL3
UniProt Synonym Gene Names	GRO3; GROG; SCYB3; GRO-gamma; MIP2-beta
UniProt Entry Name	CXCL3_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.

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Online datasheet: <https://stage.aaabiotech.com/cxcl3-human-elisa-kits/chemokine-c-x-c-motif-ligand-3/112421>