

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

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

CATALOG #
AAA112263

REACTIVITY
Rat

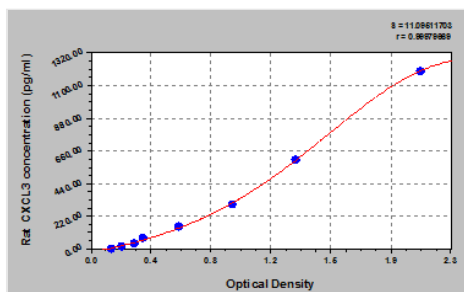
PRODUCT SYNONYMS

chemokine (C-X-C motif) ligand 3; Rat C-X-C motif chemokine 3; CXCL3 ELISA Kit; Rat 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	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of Rat CXCL3. No significant cross-reactivity or interference between Rat CXCL3 and analogues was observed.
Sequence Length	100
Samples	Serum, plasma, tissue homogenates
Assay Type	Sandwich
Detection Range	18.75 pg/ml-1200 pg/ml
Sensitivity	4.69 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 2	chemokine
Protein Biological Process 3	Chemotaxis
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



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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	19924051
NCBI GeneID	171551
NCBI Accession #	NP_612531.1
NCBI GenBank Nucleotide #	NM_138522.1
UniProt Accession #	Q10746; Q10747; Q5CZ55; Q9EP62
Molecular Weight	11,109 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	Cinc2; Cinc-2; Gm1960
NCBI Protein Information	C-X-C motif chemokine 3; MIP2-alpha/beta; macrophage inflammatory protein 2-alpha/beta; cytokine-induced neutrophil chemoattractant 2; cytokine-induced neutrophil chemoattractant-2
UniProt Protein Name	C-X-C motif chemokine 3
UniProt Gene Name	Cxcl3
UniProt Synonym Gene Names	Cinc2; CINC-2; MIP2-alpha/beta
UniProt Entry Name	CXCL3_RAT

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-rat-elisa-kits/chemokine-c-x-c-motif-ligand-3/112263>