

C-X-C motif chemokine 3 ELISA Kit | CXCL3 elisa kit

Rat CXCL3 PicoKine ELISA Kit

CATALOG #
AAA46108

REACTIVITY
Rat. There is no detectable cross-reactivity with other relevant proteins.

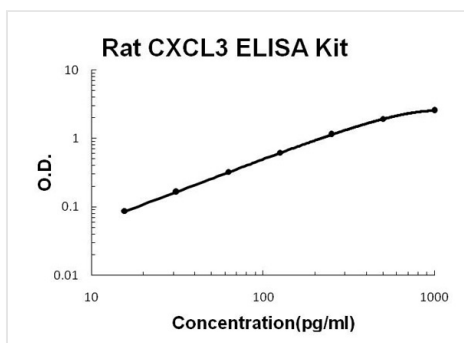
PRODUCT SYNONYMS

C-X-C motif chemokine 3; Rat CXCL3 PicoKine ELISA Kit; Chemokine (CXC motif) ligand 3; Cinc 2; CINC 2b; Cinc2; CINC2b; CXCL 3; Cxcl3; CXCL3_HUMAN; Cytokine induced neutrophil chemoattractant 2; Dcip1; Dendritic cell inflammatory protein 1; Gm1960; GRO protein gamma; GRO-gamma; GRO-gamma(1-73); GRO-gamma(5-73); GRO3; GRO3 oncogene; GROG; Growth regulated protein gamma; Growth-regulated protein gamma; Macrophage inflammatory protein 2 beta precursor; Macrophage inflammatory protein 2-beta; Melanoma growth stimulatory activity gamma; Member 3; MGSA gamma; MIP 2b; MIP2-beta; MIP2B; SCYB3; Small inducible cytokine subfamily B; chemokine (C-X-C motif) ligand 3; CXCL3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat. There is no detectable cross-reactivity with other relevant proteins.
Sequence Length	100
Samples	Cell culture supernates, serum and plasma (heparin, EDTA)
Assay Type	Sandwich
Sensitivity	<10pg/ml
Immunogen	E.coli, R33-S101
Intra-Assay Precision	Sample 1: n=16; Mean(pg/ml): 170; Standard deviation: 13.26; CV(%): 7.8 Sample 2: n=16; Mean(pg/ml): 375; Standard deviation: 19.5; CV(%): 5.2 Sample 3: n=16; Mean(pg/ml): 602; Standard deviation: 27.09; CV(%): 4.5
Inter-Assay Precision	Sample 1: n=24; Mean(pg/ml): 161; Standard deviation: 13.36; CV(%): 8.3 Sample 2: n=24; Mean(pg/ml): 352; Standard deviation: 22.53; CV(%): 6.4 Sample 3: n=24; Mean(pg/ml): 593; Standard deviation: 27.87; CV(%): 4.7
Assay Range	15.6pg/ml-1000pg/ml
Preparation and Storage	Store at 4 degree C for 6 months, at -20 degree C for 12 months. Avoid multiple freeze-thaw cycles (Shipped with wet ice.)

IMAGES



Standard Curve (Sample)

Rat CXCL3 PicoKine ELISA Kit standard curve

ADDITIONAL INFORMATION

Related Product Information for CXCL3 elisa kit	Description: Sandwich ELISA kit of Quantitative Detection for Rat CXCL3 Background: Chemokine (C-X-C motif) ligand 3 (CXCL3) is a small cytokine belonging to the CXC chemokine family. It is mapped to 14p2 in rat. CXCL3 controls migration and adhesion of monocytes and mediates its effects on its target cell by interacting with a cell surface chemokine receptor. It has been shown that CXCL3 regulates cell autonomously the migration of the precursors of cerebellar granule neurons toward the internal layers of cerebellum, during the morphogenesis of cerebellum. CXCL3 also play fundamental roles in the development, homeostasis and it has effects on cells of the central nervous system as well as on endothelial cells involved in angiogenesis or angiostasis.
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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	10,989 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.