

Rat GRO gamma ELISA Kit | CXCL3 elisa kit

Rat GRO gamma ELISA Kit

CATALOG # AAA261813	REACTIVITY Rat	APPLICATIONS ELISA
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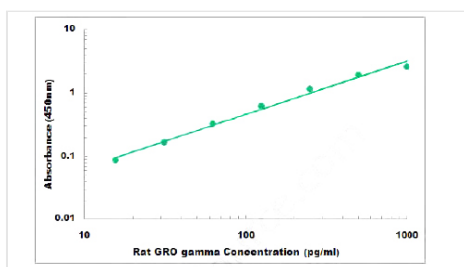
PRODUCT SYNONYMS

GRO gamma; Rat GRO gamma ELISA Kit; GRO3; GROG; SCYB3; C-X-C motif chemokine 3; GRO-gamma(1-73); Growth-regulated protein gamma; GRO-gamma; Macrophage inflammatory protein 2-beta; MIP2-beta; CXCL3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	The Rat GRO gamma ELISA Kit allows for the detection and quantification of endogenous levels of natural and/or recombinant Rat GRO gamma proteins within the range of 15.6 pg/ml - 1000 pg/ml.
Sequence Length	101
Samples	Cell Culture Supernatants, Serum, Plasma.
Sensitivity	10 pg/ml.
Applicable Applications for CXCL3 elisa kit	ELISA (Sandwich ELISA)
Preparation and Storage	Shipped and store at 4 degree C for 6 months, store at -20 degree C for one year. Avoid freeze/thaw cycles.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CXCL3 elisa kit	Principle of the Assay The Rat GRO gamma ELISA (Enzyme-Linked Immunosorbent Assay) kit is an in vitro enzyme-linked immunosorbent assay for the quantitative measurement of Rat GRO gamma in Cell Culture Supernatants, Serum, Plasma. This assay employs an antibody specific for Rat GRO gamma coated on a 96-well plate. Standards and samples are pipetted into the wells and GRO gamma present in a sample is bound to the wells by the immobilized antibody. The wells are washed and biotinylated anti-Rat GRO gamma antibody is added. After washing away unbound biotinylated antibody, HRP-conjugated streptavidin is pipetted to the wells. The wells are again washed, a TMB substrate solution is added to the wells and color develops in proportion to the amount of GRO gamma bound. The Stop Solution changes the color from blue to yellow, and the intensity of the color is measured at 450 nm. Background/Introduction: 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 #	215273965
NCBI GeneID	171551
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
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.