

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

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CATALOG #
AAA246283

REACTIVITY
Mouse

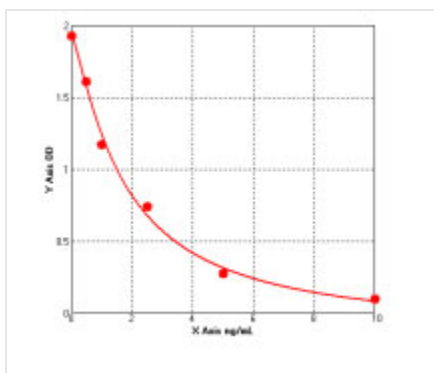
PRODUCT SYNONYMS

C-X-C motif chemokine 3 (CXCL3); Mouse C-X-C motif chemokine 3 (CXCL3) ELISA Kit; CXCL3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of CXCL3. No significant cross-reactivity or interference between CXCL3 and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between CXCL3 and all the analogues, therefore, cross reaction may still exist in some cases.
Assay Type	Quantitative Competitive
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Sensitivity	0.1 ng/ml
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CXCL3 elisa kit	Principle of the Assay: CXCL3 ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-CXCL3 antibody and an CXCL3-HRP conjugate. The assay sample and buffer are incubated together with CXCL3-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the CXCL3 concentration since CXCL3 from samples and CXCL3-HRP conjugate compete for the anti-CXCL3 antibody binding site. Since the number of sites is limited, as more sites are occupied by CXCL3 from the sample, fewer sites are left to bind CXCL3-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The CXCL3 concentration in each sample is interpolated from this standard curve. Intended Uses: This CXCL3 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Mouse CXCL3. This ELISA kit for research use only, not for therapeutic or test applications!
Product Categories/Family for CXCL3 elisa kit	Immunology

NCBI AND UNIPROT INFORMATION

NCBI GI #	54144650
NCBI GeneID	2921
NCBI Accession #	NP_002081.2
NCBI GenBank Nucleotide #	NM_002090.2
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/mouse-elisa-kits/c-x-c-motif-chemokine-3-cxcl3/246283>