

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

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CATALOG #
AAA245324

REACTIVITY
Human

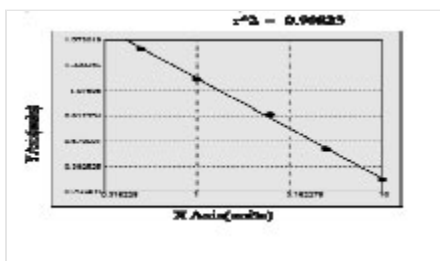
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	25-500pg/mL
Sensitivity	1.0pg/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

Intended Uses: This CXCL-3 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human CXCL-3. This ELISA kit for research use only!

Principle of the Assay||CXCL-3 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-CXCL-3 antibody and an CXCL-3-HRP conjugate. The assay sample and buffer are incubated together with CXCL-3-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 CXCL-3 concentration since CXCL-3 from samples and CXCL-3-HRP conjugate compete for the anti-CXCL-3 antibody binding site. Since the number of sites is limited, as more sites are occupied by CXCL-3 from the sample, fewer sites are left to bind CXCL-3-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The CXCL-3 concentration in each sample is interpolated from this standard curve.

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/c-x-c-motif-chemokine-3-cxcl3/245324>