

Mouse CXCL13 ELISA Kit | CXCL13 elisa kit

Mouse CXCL13 PicoKine Quick ELISA Kit

CATALOG # AAA128072	REACTIVITY Mouse	APPLICATIONS ELISA
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PRODUCT SYNONYMS

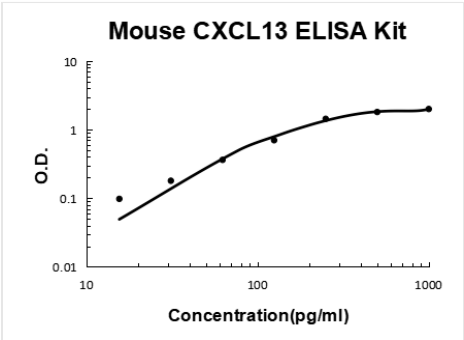
CXCL13; Mouse CXCL13 PicoKine Quick ELISA Kit; C-X-C motif chemokine 13; B lymphocyte chemoattractant; CXC chemokine BLC; Small-inducible cytokine B13; Cxcl13; Blc; Scyb13; CXCL13 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Samples	cell culture supernatants, cell lysates, serum and plasma (heparin, EDTA)
Assay Range	15.6pg/ml-1,000pg/ml
Sensitivity	<10pg/ml
Capture antibody and Detection antibody	monoclonal antibody from rat polyclonal antibody from goat
Immunogen	Expression system for standard: E coli; Immunogen sequence: I22-A109
Anticoagulant	heparin or EDTA
Cross Reactivity	There is no detectable cross-reactivity with other relevant proteins.
Applicable Applications for CXCL13 elisa kit	ELISA
Kit Components	Description/Quantity Pre-coated 96-well strip microplate/1 Standard/2 vials, 10 ng/tube Biotinylated antibody (100x)/100ul Avidin-Biotin-Peroxidase Complex (100x)/100ul Sample Diluent/30ml Antibody Diluent/12ml Avidin-Biotin-Peroxidase Diluent/12ml Color Developing Reagent (TMB)/10ml Stop Solution/10ml Wash Buffer (25x)/20ml Adhesive plate sealers/4
Materials Required But Not Provided	Microplate Reader capable of reading absorbance at 450nm. Incubator. Automated plate washer (optional). Pipettes and pipette tips capable of precisely dispensing 0.5ul through 1ml volumes of aqueous solutions. Multichannel pipettes are recommended for large amount of samples. Deionized or distilled water. 500ml graduated cylinders. Test tubes for dilution.
Sample Data	Concentration (pg/ml)015.631.262.512525050010000.D.0.0290.1270.2090.3920.7311.4711.8412.033
Intra Assay Consistency & Inter Assay Consistency	Intra-Assay PrecisionInter-Assay PrecisionSample123123n161616242424Mean (pg/ml)3118249128184451Standard deviation1.39831.421.411.2233.82CV (%)4.5%4.4%6.4%5%6.1%7.5%

Reproducibility	LotsLot 1 (pg/ml)Lot 2 (pg/ml)Lot 3 (pg/ml)Lot 4 (pg/ml)Mean (pg/ml)Standard DeviationCV (%)Sample 131343229311.85.8%Sample 21822041991941948.164.2%Sample 349150752244149030.476.2%*number of samples for each test n=16.
Preparation and Storage	Store at 4 degree C for 6 months. (Ships with gel ice, can store for up to 3 days in room temperature. Refrigerate upon receipt.)

IMAGES



Standard Curve (Sample)
 Mouse CXCL13/BLC PicoKine ELISA Kit standard curve

ADDITIONAL INFORMATION

Related Product Information for CXCL13 elisa kit	The brand Picokine indicates this is a premium quality ELISA kit. Each Picokine kit delivers precise quantification, high sensitivity, and excellent reproducibility. Only our most reliable and effective kits qualify as Picokine, guaranteeing top-tier results for your assays.
Product Categories/Family for CXCL13 elisa kit	Quick ELISA Kits

NCBI AND UNIPROT INFORMATION

NCBI GI #	9256521
NCBI GeneID	55985
NCBI Accession #	NP_061354.1
NCBI GenBank Nucleotide #	NM_018866.2
UniProt Accession #	O55038
Molecular Weight	11,927 Da
NCBI Official Full Name	C-X-C motif chemokine 13
NCBI Official Synonym Full Names	chemokine (C-X-C motif) ligand 13
NCBI Official Symbol	Cxcl13
NCBI Official Synonym Symbols	BLC; Angie; BCA-1; BLR1L; ANGIE2; Scyb13; 4631412M08Rik
NCBI Protein Information	C-X-C motif chemokine 13
UniProt Protein Name	C-X-C motif chemokine 13
UniProt Gene Name	Cxcl13
UniProt Synonym Gene Names	Blc; Scyb13
UniProt Entry Name	CXL13_MOUSE

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/cxcl13/128072>