

Mouse CXCL13/BLC ELISA Kit | CXCL13 elisa kit

Mouse CXCL13/BLC PicoKine ELISA Kit

CATALOG #
AAA45571

REACTIVITY
Mouse

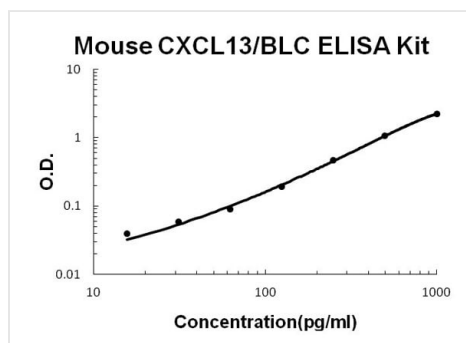
PRODUCT SYNONYMS

CXCL13/BLC; Mouse CXCL13/BLC PicoKine ELISA Kit; C-X-C motif chemokine 13; chemokine (C-X-C motif) ligand 13; ANGIE; ANGIE2; B cell attracting chemokine 1; B cell chemoattractant; B cell homing chemokine (ligand for Burkitt's lymphoma receptor 1); B lymphocyte chemoattractant; BCA 1; BLC; BLR1L; C X C motif chemokine 13; Chemokine (C X C motif) ligand 13; Chemokine (C X C motif) ligand 13 (B cell chemoattractant); Chemokine CXC motif ligand 13; CXC chemokine BLC; CXCL13; SCYB13; Small inducible cytokine B subfamily (Cys X Cys motif) member 13 (B cell chemoattractant); Small inducible cytokine B13; Small inducible cytokine subfamily B; member 13; CXCL13 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	Natural and recombinant mouse CXCL13
Sequence Length	109
Samples	Cell culture supernates, serum and plasma (heparin, EDTA)
Assay Type	Sandwich
Detection Range	15.6pg/ml-1000pg/ml
Sensitivity	< 10pg/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)

Mouse CXCL13/BLC PicoKine ELISA Kit standard curve

ADDITIONAL INFORMATION

Related Product Information for CXCL13 elisa kit	Principle of the assay: mouse CXCL13 ELISA Kit is based on standard sandwich enzyme-linked immune-sorbent assay technology. A monoclonal antibody from rat specific for CXCL13 has been precoated onto 96-well plates. Standards (E.coli,l22-A109) and test samples are added to the wells, a biotinylated detection polyclonal antibody from goat specific for CXCL13 is added subsequently and then followed by washing with PBS or TBS buffer. Avidin-Biotin-Peroxidase Complex is added and unbound conjugates are washed away with PBS or TBS buffer. HRP substrate TMB was used to visualize HRP enzymatic reaction. TMB is catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the mouse CXCL13 amount of sample captured in plate. Background: C-X-C motif chemokine 13 (CXCL13), also known as B lymphocyte chemoattractant (BLC), is a protein that in humans is encoded by theCXCL13 gene. CXCL13 is a small cytokine belonging to the CXC chemokine family, and it was located on sequence maps to 4q21, near the genes encoding most CXC chemokines. In T-lymphocytes, CXCL13 expression is thought to reflect a germinal center origin of the T-cell. Hence, expression of CXCL13 in T-cell lymphomas, such as Angioimmunoblastic T-cell Lymphoma, is thought to reflect a germinal center origin of the neoplastic T-cells.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	7673946
NCBI GeneID	55985
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; CXC chemokine BLC; B lymphocyte chemoattractant; small-inducible cytokine B13; small inducible cytokine subfamily B (Cys-X-Cys), member 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-blc/45571>