

Human CXCL13/BLC ELISA Kit | CXCL13 elisa kit

Human CXCL13/BLC PicoKine ELISA Kit

CATALOG #
AAA45525

REACTIVITY
Human

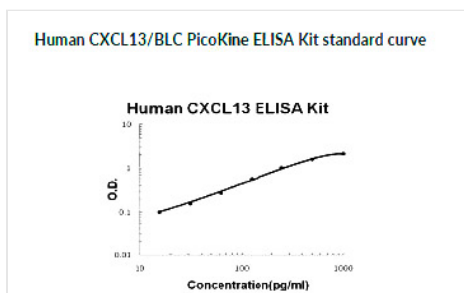
PRODUCT SYNONYMS

CXCL13/BLC; Human 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	Human
Specificity	Natural and recombinant Human CXCL13
Sequence Length	109
Samples	Cell culture supernates, serum, plasma(heparin, EDTA) and saliva
Detection Range	15.6pg/ml-1000pg/ml
Sensitivity	<1pg/ml
Intra-assay Precision	Intra-Assay Precision (Precision within an assay): Three samples of known concentration were tested on one plate to assess intra-assay precision.
Inter-assay Precision	Inter-Assay Precision (Precision across assays):Three samples of known concentration were tested in separate assays to assess inter-assay precision.
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)

ADDITIONAL INFORMATION

Related Product Information for CXCL13 elisa kit	Principle of the Assay: The Picokine™ Human CXCL13 Pre-Coated ELISA (Enzyme-Linked Immunosorbent Assay) kit is a solid phase immunoassay specially designed to measure Human CXCL13 with a 96-well strip plate that is pre-coated with antibody specific for CXCL13. The detection antibody is a biotinylated antibody specific for CXCL13. The capture antibody is monoclonal antibody from mouse, the detection antibody is polyclonal antibody from goat. The kit contains recombinant Human CXCL13 with immunogen: Expression system for standard: E.coli; Immunogen sequence: V23-R94. The kit is analytically validated with ready to use reagents. To measure Human CXCL13, add standards and samples to the wells, then add the biotinylated detection antibody. Wash the wells with PBS or TBS buffer, and add Avidin-Biotin-Peroxidase Complex (ABC-HRP). Wash away the unbounded ABC-HRP with PBS or TBS buffer and add TMB. TMB is substrate to HRP and will be catalyzed to produce a blue color product, which changes into yellow after adding acidic stop solution. The density of the yellow product is linearly proportional to Human CXCL13 in the sample. Read the density of the yellow product in each well using a plate reader, and benchmark the sample wells' readings against the standard curve to determine the concentration of Human CXCL13 in the sample.!!Background/Introduction: 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 #	7673945
NCBI GeneID	10563
UniProt Accession #	O43927
Molecular Weight	12,664 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; BCA1; ANGIE; BCA-1; BLR1L; ANGIE2; SCYB13
NCBI Protein Information	C-X-C motif chemokine 13; CXC chemokine BLC; B-cell chemoattractant; B-lymphocyte chemoattractant; b lymphocyte chemoattractant; small-inducible cytokine B13; B-cell-attracting chemokine 1; b cell-attracting chemokine 1; chemokine (C-X-C motif) ligand 13 (B-cell chemoattractant); B-cell-homing chemokine (ligand for Burkitt's lymphoma receptor-1); small inducible cytokine B subfamily (Cys-X-Cys motif), member 13 (B-cell chemoattractant)
UniProt Protein Name	C-X-C motif chemokine 13
UniProt Gene Name	CXCL13
UniProt Synonym Gene Names	BCA1; BLC; SCYB13; BCA-1
UniProt Entry Name	CXL13_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/human-elisa-kits/cxcl13-blc/45525>