

Human CXCL13/BLC/BCA1 ELISA Kit | CXCL13 elisa kit

Human CXCL13/BLC/BCA1 PicoKine Quick ELISA Kit

CATALOG # AAA126811	REACTIVITY Human	APPLICATIONS ELISA
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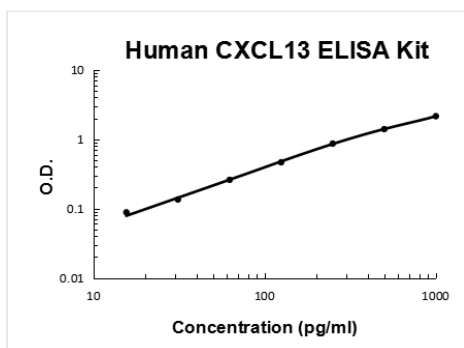
PRODUCT SYNONYMS

CXCL13/BLC/BCA1; Human CXCL13/BLC/BCA1 PicoKine Quick ELISA Kit; CXCL13 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Natural and recombinant Human CXCL13
Assay Type	Sandwich
Samples	Cell culture supernatants, serum, plasma (heparin, EDTA) and saliva
Detection Range	15.6 pg/ml - 1,000 pg/ml
Sensitivity	<1 pg/ml
Applicable Applications for CXCL13 elisa kit	ELISA
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 (Ships with gel ice, can store for up to 3 days in room temperature. Freeze upon receiving.)

IMAGES



Standard Curve (Sample)

Human CXCL13 PicoKine ELISA Kit standard curve

ADDITIONAL INFORMATION

Related Product Information for CXCL13 elisa kit	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 Principle of the Assay: The Quick Picokine™ Human CXCL13 Pre-Coated ELISA (Enzyme-Linked Immunosorbent Assay) kit is a solid phase immunoassay specially designed to measure Human CXCL13 in cell culture supernatants, serum, plasma (heparin, EDTA) and saliva. It uses our proprietary Quick ELISA technology. Quick ELISA technology employs capture antibodies conjugated to an affinity tag that is recognized by the polyclonal antibody used to coat our Quick ELISA plates. This approach to sandwich ELISA allows the formation of the antibody-analyte sandwich complex in a single step, significantly reducing assay time. The kit includes Human CXCL13 protein as standards. To measure Human CXCL13, add standards and samples to the wells, then add antibody cocktail. Wash the wells with PBS or TBS buffer, and add TMB. TMB is an HRP substrate and will be catalyzed to produce a blue color product, which changes into yellow after adding the acidic stop solution. The absorbance of the yellow product is linearly proportional to Human CXCL13 in the sample. Read the absorbance 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.
Product Categories/Family for CXCL13 elisa kit	PicoKine ELISA Kits, Fast ELISA Kits

NCBI AND UNIPROT INFORMATION

NCBI GI #	5453577
NCBI GeneID	10563
NCBI Accession #	NP_006410.1
NCBI GenBank Nucleotide #	NM_006419.2
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; B-cell chemoattractant; B-cell-attracting chemokine 1; B-cell-homing chemokine (ligand for Burkitt's lymphoma receptor-1); B-lymphocyte chemoattractant; CXC chemokine BLC; b cell-attracting chemokine 1; b lymphocyte chemoattracta
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.