

Human CXCL13 ELISA Kit | CXCL13 elisa kit

Human CXCL13 ELISA Kit

CATALOG # AAA105753	REACTIVITY Human	APPLICATIONS ELISA
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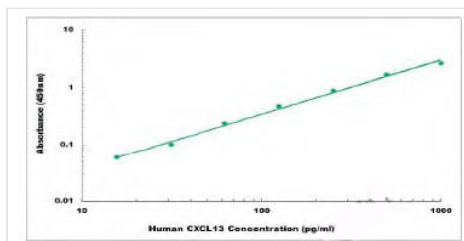
PRODUCT SYNONYMS

CXCL13; Human CXCL13 ELISA Kit; BCA1; BLC; SCYB13; C-X-C motif chemokine 13; Angie; B cell-attracting chemokine 1; BCA-1; B lymphocyte chemoattractant; CXC chemokine BLC; Small-inducible cytokine B13; CXCL13 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	The Human CXCL13 ELISA Kit allows for the detection and quantification of endogenous levels of natural and/or recombinant Human CXCL13 proteins within the range of 15.6 pg/ml - 1000 pg/ml.
Sequence Length	109
Samples	Cell culture supernatants, serum, plasma
Sensitivity	< 8 pg/ml
Applicable Applications for CXCL13 elisa kit	ELISA (Sandwich ELISA)
Preparation and Storage	Shipped and store at 4 degree C for 6 months, store at -20 degree C for one year. Avoid freeze/thaw cycles.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CXCL13 elisa kit	Principle of the Assay: The AAA Biotech' Human CXCL13 ELISA (Enzyme-Linked Immunosorbent Assay) kit is an in vitro enzyme-linked immunosorbent assay for the quantitative measurement of Human CXCL13 in Cell Culture Supernatants, Serum, Plasma. This assay employs an antibody specific for Human CXCL13 coated on a 96-well plate. Standards and samples are pipetted into the wells and CXCL13 present in a sample is bound to the wells by the immobilized antibody. The wells are washed and biotinylated anti-Human CXCL13 antibody is added. After washing away unbound biotinylated antibody, HRP-conjugated streptavidin is pipetted to the wells. The wells are again washed, a TMB substrate solution is added to the wells and color develops in proportion to the amount of CXCL13 bound. The Stop Solution changes the color from blue to yellow, and the intensity of the color is measured at 450 nm. 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 Tcell. 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 #	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; 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.