

Rat B-Lymphocyte Chemoattractant ELISA Kit | BLC elisa kit

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CATALOG #
AAA98428

REACTIVITY
Rat

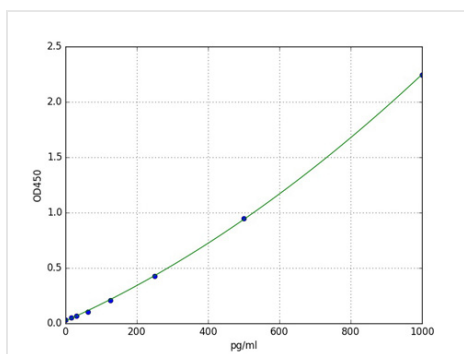
PRODUCT SYNONYMS

B-Lymphocyte Chemoattractant; Rat B-Lymphocyte Chemoattractant ELISA Kit; BLC/CXCL13/BLC (B-Lymphocyte Chemoattractant)/BCA-1/ANGIE/ANGIE2/BCA1/BLR1L/SCYB13; BLC elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	109
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	15.625-1000pg/ml
Sensitivity	9.375pg/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

Typical Data & Standard Curve

Results of a typical standard run of a Rat BLC ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	pg/ml	0	15.6	31.2	62.5	125	250	500	1000
Y	OD450	0.070	0.079	0.104	0.133	0.217	0.470	0.871	1.800

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for BLC elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-Rat BLC antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Rat BLC antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was 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 Rat BLC amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Rat BLC can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	2911376
NCBI GeneID	10563
Molecular Weight	12,664 Da
NCBI Official Full Name	B lymphocyte chemoattractant BLC
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
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/blc-rat-elisa-kits/b-lymphocyte-chemoattractant/98428>