

Sheep B-Lymphocyte Chemoattractant 1 ELISA Kit | BLC1 elisa kit

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CATALOG #
AAA89816

REACTIVITY
Sheep

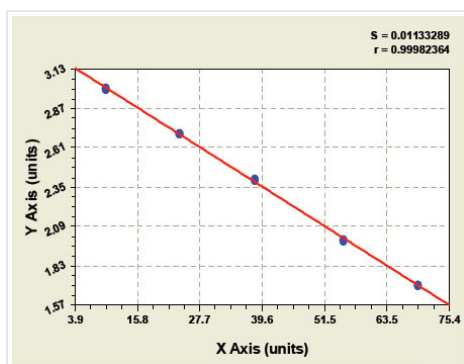
PRODUCT SYNONYMS

B-Lymphocyte Chemoattractant 1; Sheep B-Lymphocyte Chemoattractant 1 ELISA Kit; BLC1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Sheep
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	1.0 pg/mL.
Intended Uses	This BLC1 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Sheep BLC1. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for BLC1 elisa kit

Principle of the Assay: BLC1 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-BLC1 antibody and an BLC1-HRP conjugate. The assay sample and buffer are incubated together with BLC1-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the BLC1 concentration since BLC1 from samples and BLC1-HRP conjugate compete for the anti-BLC1 antibody binding site. Since the number of sites is limited, as more sites are occupied by BLC1 from the sample, fewer sites are left to bind BLC1-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The BLC1 concentration in each sample is interpolated from this standard curve.

Product Categories/Family for BLC1 elisa kit

Immunology

NCBI AND UNIPROT INFORMATION

NCBI GI #	229561847
Molecular Weight	19,976 Da
NCBI Official Full Name	Blc1
UniProt Protein Name	Blc
UniProt Gene Name	blc
UniProt Synonym Gene Names	blc1; blc1-1; blc1-2; BU65_04595; KPCE_052; NDM1Dok01_N0092; pAPEC1990_61_75; pAR060302_0085; pAR060302_82; peH4H_0074; peH4H_0082; pNDM102337_85; pNDM10505_85
UniProt Entry Name	B6VP23_ECOLX

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/blc1-sheep-elisa-kits/b-lymphocyte-chemoattractant-1/89816>