

Human BCAM ELISA Kit | BCAM elisa kit

Human BCAM PicoKine ELISA Kit

CATALOG #
AAA46708

REACTIVITY
Human

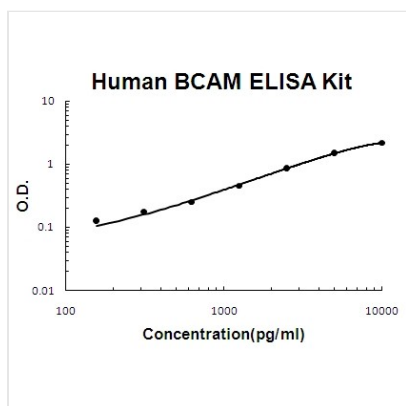
PRODUCT SYNONYMS

BCAM; Human BCAM PicoKine ELISA Kit; AU; Bcam; CD239; CD239 antigen; F8/G253 antigen; LU; Lutheran; MSK19; P50895; Basal cell adhesion molecule; basal cell adhesion molecule (Lutheran blood group); BCAM elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Natural and recombinant Human BCAM
Sequence Length	588
Samples	Cell culture supernates, serum and plasma(heparin, EDTA).
Assay Type	Sandwich
Detection Range	156pg/ml-10000pg/ml
Sensitivity	<15pg/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 between 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)

Human BCAM PicoKine ELISA Kit standard curve

ADDITIONAL INFORMATION

Related Product Information for BCAM elisa kit	Principle of the Assay: Human BCAM ELISA Kit was based on standard sandwich enzyme-linked immune-sorbent assay technology. A monoclonal antibody from mouse specific for BCAM has been precoated onto 96-well plates. Standards(Expression system for standard: NSO; Immunogen sequence: E32-A547) and test samples are added to the wells, a biotinylated detection polyclonal antibody from goat specific for BCAM is added subsequently and then followed by washing with PBS or TBS buffer. Avidin- Biotin-Peroxidase Complex was added and unbound conjugates were washed away with PBS or TBS buffer. HRP substrate TMB was 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 Human BCAM amount of sample captured in plate. Background/Introduction: Basal cell adhesion molecule is a protein that in humans is encoded by the BCAM gene. The BCAM gene encodes a glycoprotein expressed on cell surfaces. It is a member of the immunoglobulin superfamily of receptors and cell adhesion molecules. When expressed on erythrocytes, BCAM constitutes the Lutheran (Lu) and Auberger (Au) blood group antigens. And this protein may play a role in epithelial cell cancer and in vaso-occlusion of red blood cells in sickle cell disease. Two transcript variants encoding different isoforms have been found for this gene.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	61742797
NCBI GeneID	4059
NCBI Accession #	NP_001013275.1
NCBI GenBank Nucleotide #	NM_001013257.2
UniProt Accession #	P50895; Q86VC7; A8MYF9; A9YWT5; A9YWT6
Molecular Weight	67,405 Da
NCBI Official Full Name	basal cell adhesion molecule isoform 2
NCBI Official Synonym Full Names	basal cell adhesion molecule (Lutheran blood group)
NCBI Official Symbol	BCAM
NCBI Official Synonym Symbols	AU; LU; CD239; MSK19
NCBI Protein Information	basal cell adhesion molecule
UniProt Protein Name	Basal cell adhesion molecule
UniProt Gene Name	BCAM
UniProt Synonym Gene Names	LU; MSK19
UniProt Entry Name	BCAM_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/bcam/46708>