

Human Basal Cell Adhesion Molecule, BCAM ELISA Kit | BCAM elisa kit

Human Basal Cell Adhesion Molecule, BCAM Primacu ELISA Kit

CATALOG #
AAA124185

REACTIVITY
Human

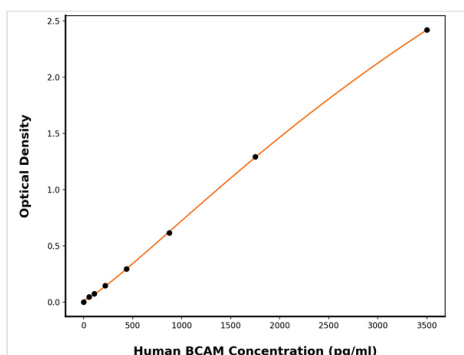
PRODUCT SYNONYMS

Basal Cell Adhesion Molecule; BCAM; Human Basal Cell Adhesion Molecule; BCAM Primacu ELISA Kit; Basal cell adhesion molecule; LU; MSK19; BCAM elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Assay Type	Sandwich
Samples	Serum, plasma, cell culture supernates
Detection Range	54.69-3500pg/mL
Sensitivity	11.92pg/mL
Standard Solution	35ng/mL
Assay Time	3.5h
Preparation and Storage	Store at 2-8 degree C

IMAGES



Standard Curve (Sample)

Typical Testing Data/Standard Curve (for reference only)

ADDITIONAL INFORMATION

Related Product Information for BCAM elisa kit	The Lutheran (Lu) blood group and basal cell adhesion molecule (BCAM) antigens are both carried by 2 glycoprotein isoforms of the immunoglobulin superfamily representing receptors for the laminin alpha(5) chain. It is a transmembrane receptor with five immunoglobulin-like domains in its extracellular region, and is therefore classified as a member of the immunoglobulin (Ig) gene family. In addition to red blood cells, Lu/BCAM proteins are expressed in endothelial cells of vascular capillaries and in epithelial cells of several tissues. BCAM/LU has a wide tissue distribution with a predominant expression in the basal layer of the epithelium and the endothelium of blood vessel walls. As designated as CD239 recently, BCAM and LU share a significant sequence similarity with the CD146 (MUC18) and CD166, and themselves are adhesion molecules that bind laminin with high affinity. Laminins are found in all basement membranes and are involved in cell differentiation, adhesion, migration, and proliferation. BCAM is upregulated following malignant transformation of some cell types in vivo and in vitro, thus being a candidate molecule involved in tumor progression. In addition, BCAM interacts with integrin in sickle red cells, and thus may potentially play a role in vaso-occlusive episodes.
Product Categories/Family for BCAM elisa kit	Primacu ELISA Kit; Cardiovascular; Neuroscience; Signal transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	92058724
NCBI GeneID	4059
UniProt Accession #	P50895; Q86VC7; A8MYF9; A9YWT5; A9YWT6
Molecular Weight	67,405 Da
NCBI Official Full Name	Basal cell adhesion molecule
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

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/basal-cell-adhesion-molecule-bcam/124185>