

Mouse CD239 ELISA Kit | BCAM elisa kit

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CATALOG #
AAA263102

REACTIVITY
Mouse

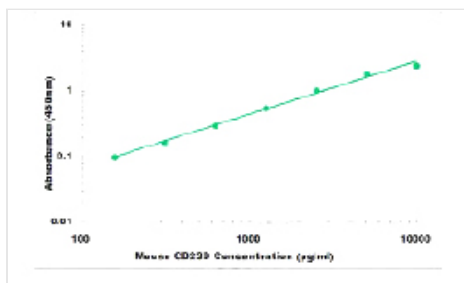
PRODUCT SYNONYMS

CD239; Mouse CD239 ELISA Kit; LU; MSK19; Basal cell adhesion molecule; Auberger B antigen; B-CAM cell surface glycoprotein; F8/G253 antigen; Lutheran antigen; Lutheran blood group glycoprotein; BCAM elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	The Mouse CD239 ELISA Kit allows for the detection and quantification of endogenous levels of natural and/or recombinant Mouse CD239 proteins within the range of 156 pg/ml - 10000 pg/ml.
Sequence Length	622
Samples	Cell Culture Supernates, Serum, Plasma
Sensitivity	<15 pg/ml
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 BCAM elisa kit

Principle of the Assay: The Mouse CD239 ELISA (Enzyme-Linked Immunosorbent Assay) kit is an in vitro enzyme-linked immunosorbent assay for the quantitative measurement of Mouse CD239 in Cell Culture Supernates, Serum, Plasma. This assay employs an antibody specific for Mouse CD239 coated on a 96-well plate. Standards and samples are pipetted into the wells and CD239 present in a sample is bound to the wells by the immobilized antibody. The wells are washed and biotinylated anti-Mouse CD239 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 CD239 bound. The Stop Solution changes the color from blue to yellow, and the intensity of the color is measured at 450 nm.

Background: 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.

NCBI AND UNIPROT INFORMATION

NCBI GI #	10048460
NCBI GeneID	57278
NCBI Accession #	NP_065232.1
NCBI GenBank Nucleotide #	NM_020486.2
UniProt Accession #	Q9R069; Q9ESS5; Q9JKB2
Molecular Weight	67,670 Da
NCBI Official Full Name	basal cell adhesion molecule
NCBI Official Synonym Full Names	basal cell adhesion molecule
NCBI Official Symbol	Bcam
NCBI Official Synonym Symbols	Lu; Gplu; B-CAM; 1200005K12Rik
NCBI Protein Information	basal cell adhesion molecule
UniProt Protein Name	Basal cell adhesion molecule
UniProt Gene Name	Bcam
UniProt Synonym Gene Names	Gplu; Lu
UniProt Entry Name	BCAM_MOUSE

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/bcam-mouse-elisa-kits/cd239/263102>