

Human CD239 ELISA Kit | BCAM elisa kit

Human CD239 ELISA Kit

CATALOG #
AAA263022

REACTIVITY
Human

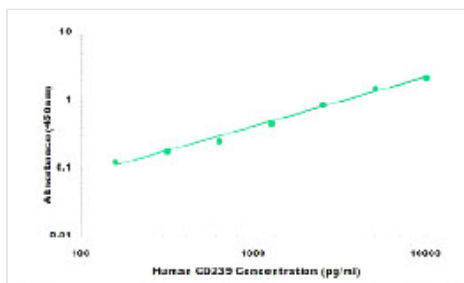
PRODUCT SYNONYMS

CD239; Human 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	Human
Specificity	The Human CD239 ELISA Kit allows for the detection and quantification of endogenous levels of natural and/or recombinant Human CD239 proteins within the range of 156 pg/ml - 10000 pg/ml.
Sequence Length	588
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 Human CD239 ELISA (Enzyme-Linked Immunosorbent Assay) kit is an in vitro enzyme-linked immunosorbent assay for the quantitative measurement of Human CD239 in Cell Culture Supernates, Serum, Plasma. This assay employs an antibody specific for Human 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-Human 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 #	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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/bcam-human-elisa-kits/cd239/263022>