

Datasheet for ABIN5510708

**BCAM ELISA Kit****1** Image[Go to Product page](#)

## Overview

Quantity:	96 tests
Target:	BCAM
Binding Specificity:	AA 32-547
Reactivity:	Human
Method Type:	Sandwich ELISA
Application:	ELISA

## Product Details

Purpose:	Sandwich High Sensitivity ELISA kit for Quantitative Detection of Human BCAM
Brand:	PicoKine™
Analytical Method:	Quantitative
Detection Method:	Colorimetric
Specificity:	Expression system for standard: NSO Immunogen sequence: E32-A547
Cross-Reactivity (Details):	There is no detectable cross-reactivity with other relevant proteins.
Characteristics:	Tissue Specificity: Wide tissue distribution (highest in the pancreas and very low in brain). Closely associated with the basal layer of cells in epithelia and the endothelium of blood vessel walls.

## Target Details

Target:	BCAM
---------	------

## Target Details

Alternative Name: BCAM ([BCAM Products](#))

Background: Protein Function: Laminin alpha-5 receptor. May mediate intracellular signaling. .  
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 Aubberger (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.  
Synonyms: Basal cell adhesion molecule,Aubberger B antigen,B-CAM cell surface glycoprotein,F8/G253 antigen,Lutheran antigen,Lutheran blood group glycoprotein,CD239,BCAM,LU, MSK19,  
Full Gene Name: Basal cell adhesion molecule  
Cellular Localisation: Membrane, Single-pass type I membrane protein.

UniProt: [P50895](#)

## Application Details

Plate: Pre-coated

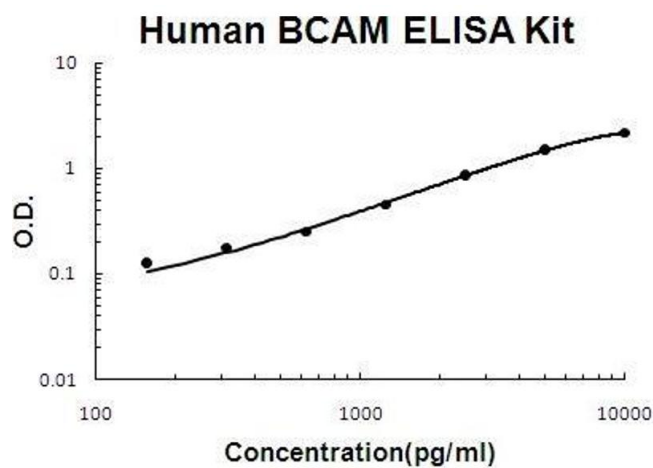
Restrictions: For Research Use only

## Handling

Storage: 4 °C,-20 °C

Storage Comment: Store at 4°C for 6 months, at -20°C for 12 months. Avoid multiple freeze-thaw cycles(Shipped with wet ice.)

Expiry Date: 12 months



**ELISA**

**Image 1.** Human BCAM PicoKine ELISA Kit standard curve