



Datasheet for ABIN5510693

CD48 ELISA Kit



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1 Image

Overview

Quantity: 96 tests

Target: CD48

Binding Specificity: AA 27-220

Reactivity: Human

Method Type: Sandwich ELISA

Application: ELISA

Product Details

Purpose: Sandwich High Sensitivity ELISA kit for Quantitative Detection of Human CD48

Brand: PicoKine™

Analytical Method: Quantitative

Detection Method: Colorimetric

Specificity: Expression system for standard: NSO
Immunogen sequence: Q27-S220

Cross-Reactivity (Details): There is no detectable cross-reactivity with other relevant proteins.

Target Details

Target: CD48

Alternative Name: CD48 ([CD48 Products](#))

Background: Protein Function: Ligand for CD2. Might facilitate interaction between activated lymphocytes.

Target Details

Probably involved in regulating T-cell activation.

Background: CD48 antigen (Cluster of Differentiation 48), also known as BLAST-1 or SLAMF2, is a protein that in humans is encoded by the CD48 gene. CD48 is a member of the CD2 subfamily of the immunoglobulin superfamily (IgSF) which includes SLAM (signaling lymphocyte activation molecules) proteins, such as CD84, CD150, CD229 and CD244. It is mapped to 1q23.3. CD48 is found on the surface of lymphocytes and other immune cells, dendritic cells and endothelial cells, and participates in activation and differentiation pathways in these cells. The encoded protein does not have a transmembrane domain, however, but is held at the cell surface by a GPI anchor via a C-terminal domain which maybe cleaved to yield a soluble form of the receptor.

Synonyms: CD48 antigen,B-lymphocyte activation marker BLAST-1,BCM1 surface antigen,Leukocyte antigen MEM-102,SLAM family member 2,SLAMF2,Signaling lymphocytic activation molecule 2,TCT.1,CD48,CD48,BCM1, BLAST1,

Full Gene Name: CD48 antigen

Cellular Localisation: Cell membrane, Lipid-anchor, GPI-anchor.

UniProt: [P09326](#)

Application Details

Plate: Pre-coated

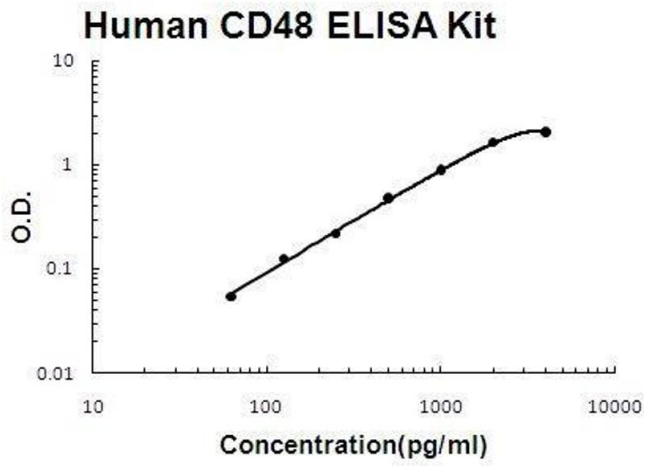
Restrictions: For Research Use only

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 CD48 PicoKine ELISA Kit standard curve