

Human CD48 ELISA Kit | CD48 elisa kit

Human CD48 PicoKine ELISA Kit

CATALOG #
AAA46697

REACTIVITY
Human

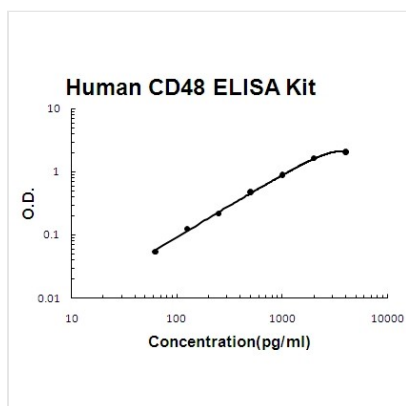
PRODUCT SYNONYMS

CD48; Human CD48 PicoKine ELISA Kit; Antigen CD48; BCM 1 surface antigen; Bcm-1; BCM1 surface antigen; BCM1; BLAST1; BLAST; CD48 antigen; CD48 molecule; CD48 protein; Leucocyte antigen MEM 102; Leukocyte antigen MEM-102; MEM102; SLAMF2; TCT.1; P09326; CD48 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Natural and recombinant Human CD48
Sequence Length	243
Samples	Cell culture supernates, serum and plasma(heparin, EDTA).
Assay Type	Sandwich
Detection Range	62.5pg/ml-4000pg/ml
Sensitivity	<12pg/ml
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision.
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision.
Preparation and Storage	Store at 4 degree C for 6 months, at -20 degree C for 12 months. Avoid multiple freeze-thaw cycles (Shipped with wet ice).

IMAGES



Standard Curve (Sample)

Human CD48 PicoKine ELISA Kit standard curve

ADDITIONAL INFORMATION

Related Product Information for CD48 elisa kit	Principle of the Assay: Human CD48 ELISA Kit was based on standard sandwich enzyme-linked immune-sorbent assay technology. A monoclonal antibody from mouse specific for CD48 has been precoated onto 96-well plates. Standards(Expression system for standard: NSO; Immunogen sequence: Q27-S220) and test samples are added to the wells, a biotinylated detection polyclonal antibody from goat specific for CD48 is added subsequently and then followed by washing with PBS or TBS buffer. Avidin- Biotin-Peroxidase Complex was added and unbound conjugates were washed away with PBS or TBS buffer. HRP substrate TMB was used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the Human CD48 amount of sample captured in plate.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	21361571
NCBI GeneID	962
NCBI Accession #	NP_001769.2
NCBI GenBank Nucleotide #	NM_001778.3
UniProt Accession #	P09326; Q5U055; Q8MGRO
Molecular Weight	19,429 Da
NCBI Official Full Name	CD48 antigen isoform 1
NCBI Official Synonym Full Names	CD48 molecule
NCBI Official Symbol	CD48
NCBI Official Synonym Symbols	BCM1; BLAST; hCD48; mCD48; BLAST1; SLAMF2; MEM-102
NCBI Protein Information	CD48 antigen
UniProt Protein Name	CD48 antigen
UniProt Gene Name	CD48
UniProt Synonym Gene Names	BCM1; BLAST1; SLAMF2
UniProt Entry Name	CD48_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.

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Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/cd48/46697>