

Human CD72 molecule ELISA Kit | CD72 elisa kit

Human B-cell differentiation antigen CD72, CD72 ELISA Kit

CATALOG #
AAA18069

REACTIVITY
Human

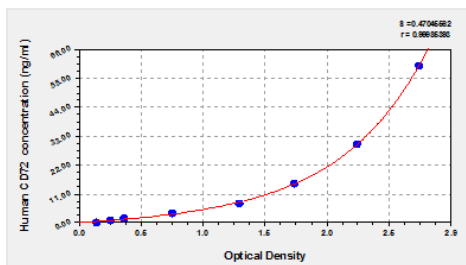
PRODUCT SYNONYMS

CD72 molecule; Human B-cell differentiation antigen CD72; CD72 ELISA Kit; Human B-cell differentiation antigen CD72 (CD72) ELISA kit; RP11-331F9.9; CD72b; LYB2; CD72 antigen; OTTHUMP00000021342; CD72 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human CD72. No significant cross-reactivity or interference between human CD72 and analogues was observed.
Sequence Length	359
Samples	Serum, plasma, tissue homogenates.
Assay Type	Sandwich (Quantitative)
Detection Range	0.9 ng/ml-60 ng/ml.
Sensitivity	0.225 ng/ml.
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CD72 elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for CD72 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any CD72 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for CD72 is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of CD72 bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4502683
NCBI GeneID	971
NCBI Accession #	NP_001773.1
NCBI GenBank Nucleotide #	NM_001782.2
UniProt Accession #	P21854
Molecular Weight	40,220 Da
NCBI Official Full Name	B-cell differentiation antigen CD72
NCBI Official Synonym Full Names	CD72 molecule
NCBI Official Symbol	CD72
NCBI Official Synonym Symbols	LYB2; CD72b
NCBI Protein Information	B-cell differentiation antigen CD72; lyb-2; CD72 antigen
UniProt Protein Name	B-cell differentiation antigen CD72
UniProt Gene Name	CD72
UniProt Entry Name	CD72_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.