

Human CD2-associated protein ELISA Kit | CD2AP elisa kit

Human CD2-associated protein, CD2AP ELISA Kit

CATALOG #
AAA113109

REACTIVITY
Human

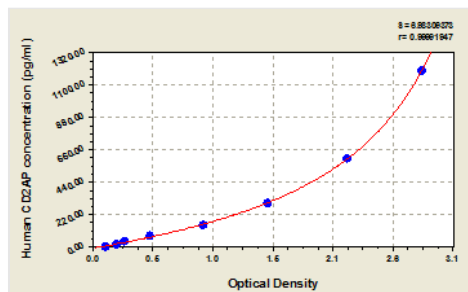
PRODUCT SYNONYMS

CD2-associated protein; Human CD2-associated protein; CD2AP ELISA Kit; Human CD2-associated protein (CD2AP) ELISA kit; CMS; DKFZp586H0519; Cas ligand with multiple Src homology 3 (SH3) domains; adapter protein CMS; CD2AP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human CD2AP. No significant cross-reactivity or interference between human CD2AP and analogues was observed.
Sequence Length	639
Samples	Serum, plasma, tissue homogenates, Cell lysates
Assay Type	Sandwich
Detection Range	18.75 pg/ml -1200 pg/ml.
Sensitivity	The minimum detectable dose of human CD2AP is typically less than 4.7 pg/ml. The sensitivity of this assay, or Lower Limit of Detection (LLD) was defined as the lowest protein concentration that could be differentiated from zero. It was determined the mean O.D value of 20 replicates of the zero standard added by their three standard deviations.
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 CD2AP elisa kit	Principle of the assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for CD2AP has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any CD2AP present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for CD2AP 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 CD2AP 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 #	11321634
NCBI GeneID	23607
NCBI Accession #	NP_036252.1
NCBI GenBank Nucleotide #	NM_012120.2
UniProt Accession #	Q9Y5K6; Q5VYA3; Q9UG97; A6NL34
Molecular Weight	71,451 Da
NCBI Official Full Name	CD2-associated protein
NCBI Official Synonym Full Names	CD2-associated protein
NCBI Official Symbol	CD2AP
NCBI Official Synonym Symbols	CMS
NCBI Protein Information	CD2-associated protein; adapter protein CMS; cas ligand with multiple SH3 domains; Cas ligand with multiple Src homology 3 (SH3) domains
UniProt Protein Name	CD2-associated protein
UniProt Gene Name	CD2AP
UniProt Entry Name	CD2AP_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.