

Mouse CD2-associated protein (CD2AP) ELISA Kit | CD2AP elisa kit

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CATALOG #
AAA244873

REACTIVITY
Mouse

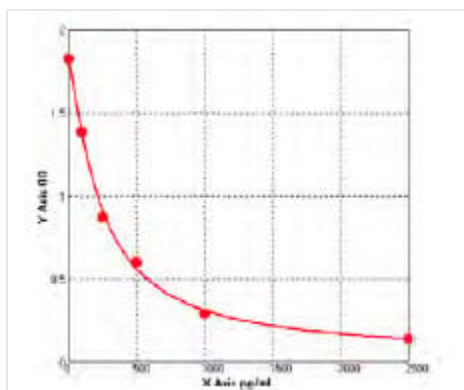
PRODUCT SYNONYMS

CD2-associated protein (CD2AP); Mouse CD2-associated protein (CD2AP) ELISA Kit; CD2AP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Assay Type	Quantitative Competitive
Sensitivity	1.0 pg/mL.
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CD2AP elisa kit

Intended Uses: This IL-27 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Mouse CD2AP. This ELISA kit for research use only!

Principle of the Assay: CD2AP ELISA kit applies the competitive enzyme immunoassay technique utilizing an anti-CD2AP antibody and an CD2AP-HRP conjugate. The assay sample and buffer are incubated together with CD2AP-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the CD2AP concentration since CD2AP from samples and CD2AP-HRP conjugate compete for the anti-CD2AP antibody binding site. Since the number of sites is limited, as more sites are occupied by CD2AP from the sample, fewer sites are left to bind CD2AP-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The CD2AP concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	11321634
NCBI GeneID	23607
NCBI Accession #	NP_036252.1
NCBI GenBank Nucleotide #	NM_012120.2
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.

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Online datasheet: <https://stage.aaabiotech.com/mouse-elisa-kits/cd2-associated-protein-cd2ap/244873>