

Mouse B-cell differentiation antigen CD72 (CD72) ELISA Kit | CD72 elisa kit

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CATALOG #
AAA245662

REACTIVITY
Mouse

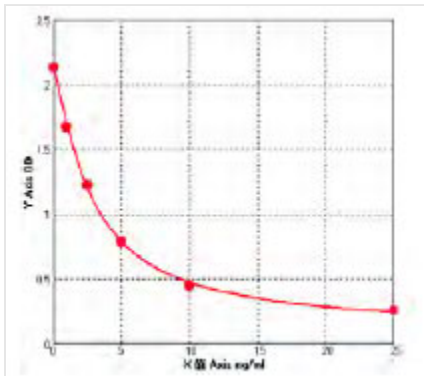
PRODUCT SYNONYMS

B-cell differentiation antigen CD72 (CD72); Mouse B-cell differentiation antigen CD72 (CD72) ELISA Kit; CD72 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Assay Type	Quantitative Competitive
Sensitivity	0.1 ng/mL.
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CD72 elisa kit

Intended Uses: This CD72 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Mouse CD72. This ELISA kit for research use only!

Principle of the Assay: CD72 ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-CD72 antibody and an CD72-HRP conjugate. The assay sample and buffer are incubated together with CD72-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 CD72 concentration since CD72 from samples and CD72-HRP conjugate compete for the anti-CD72 antibody binding site. Since the number of sites is limited, as more sites are occupied by CD72 from the sample, fewer sites are left to bind CD72-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The CD72 concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4502683
NCBI GeneID	971
NCBI Accession #	NP_001773.1
NCBI GenBank Nucleotide #	NM_001782.2
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.

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Online datasheet: <https://stage.aaabiotech.com/mouse-elisa-kits/b-cell-differentiation-antigen-cd72-cd72/245662>