

Mouse CD81 molecule ELISA Kit | CD81 elisa kit

Mouse CD81 antigen, CD81 ELISA Kit

CATALOG #
AAA112769

REACTIVITY
Mouse

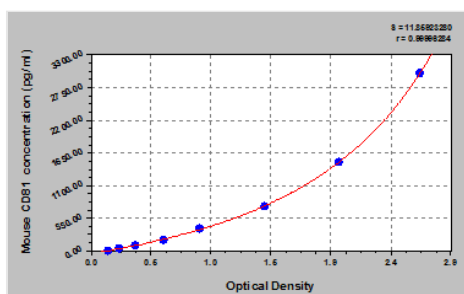
PRODUCT SYNONYMS

CD81 molecule; Mouse CD81 antigen; CD81 ELISA Kit; Mouse CD81 antigen (CD81) ELISA kit; S5.7; TAPA1; TSPAN28; 26 kDa cell surface protein TAPA-1; CD81 antigen; CD81 antigen (target of antiproliferative antibody 1) ; target of antiproliferative antibody 1; CD81 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of Mouse CD81. No significant cross-reactivity or interference between Mouse CD81 and analogues was observed.
Sequence Length	236
Assay Type	Sandwich
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV% is less than 8% Three samples of known concentration were tested twenty times on one plate to assess. Inter-assay Precision (Precision between assays): CV% is less than 10% Three samples of known concentration were tested in twenty assays to assess.
Detection Wavelength	450 nm
Sample Volume	50-100ul
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 CD81 elisa kit

Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for CD81 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any CD81 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for CD81 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 CD81 bound in the initial step. The color development is stopped and the intensity of the color is measured.

NCBI AND UNIPROT INFORMATION

NCBI GI #	19526794
NCBI GeneID	12520
NCBI Accession #	NP_598416.1
NCBI GenBank Nucleotide #	NM_133655.2
UniProt Accession #	P35762; Q91V78
Molecular Weight	25,815 Da
NCBI Official Full Name	CD81 antigen
NCBI Official Synonym Full Names	CD81 antigen
NCBI Official Symbol	Cd81
NCBI Official Synonym Symbols	Tapa1; Tapa-1; Tspan28
NCBI Protein Information	CD81 antigen; 26 kDa cell surface protein TAPA-1; target of the antiproliferative antibody 1
UniProt Protein Name	CD81 antigen
UniProt Gene Name	Cd81
UniProt Synonym Gene Names	Tapa1
UniProt Entry Name	CD81_MOUSE

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://www.aaabiotech.com/mouse-elisa-kits/cd81-molecule/112769>