

Mouse CD6 ELISA Kit | CD6 elisa kit

Mouse CD6 PicoKine Quick ELISA Kit

CATALOG # AAA128084	REACTIVITY Mouse	APPLICATIONS ELISA
-------------------------------	----------------------------	------------------------------

PRODUCT SYNONYMS

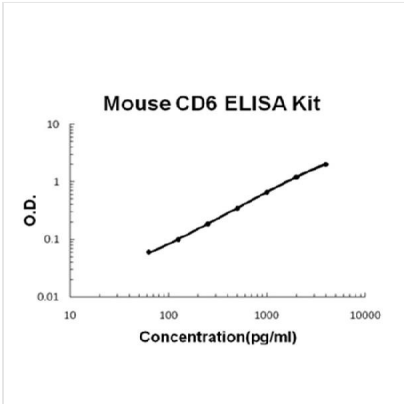
CD6; Mouse CD6 PicoKine Quick ELISA Kit; T-cell differentiation antigen CD6; Cd6; CD6 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Samples	cell culture supernatants, cell lysates, serum and plasma (heparin, EDTA)
Assay Range	62.5pg/ml-4,000pg/ml
Sensitivity	<10pg/ml
Capture antibody and Detection antibody	monoclonal antibody from rat polyclonal antibody from goat
Immunogen	Expression system for standard: NS0; Immunogen sequence: L18-G396
Anticoagulant	heparin or EDTA
Cross Reactivity	There is no detectable cross-reactivity with other relevant proteins.
Applicable Applications for CD6 elisa kit	ELISA
Kit Components	Description/Quantity Pre-coated 96-well strip microplate/1 Standard/2 vials, 10 ng/tube Biotinylated antibody (100x)/100ul Avidin-Biotin-Peroxidase Complex (100x)/100ul Sample Diluent/30ml Antibody Diluent/12ml Avidin-Biotin-Peroxidase Diluent/12ml Color Developing Reagent (TMB)/10ml Stop Solution/10ml Wash Buffer (25x)/20ml Adhesive plate sealers/4
Materials Required But Not Provided	Microplate Reader capable of reading absorbance at 450nm. Incubator. Automated plate washer (optional). Pipettes and pipette tips capable of precisely dispensing 0.5ul through 1ml volumes of aqueous solutions. Multichannel pipettes are recommended for large amount of samples. Deionized or distilled water. 500ml graduated cylinders. Test tubes for dilution.
Sample Data	Concentration (pg/ml)062.5125250500100020004000O.D.0.0140.0590.10.1850.3490.6661.2172.030
Intra Assay Consistency & Inter Assay Consistency	Intra-Assay PrecisionInter-Assay PrecisionSample123123n161616242424Mean (pg/ml)13352512681294851288Standard deviation5.5838.9%792.566.4537.83114.63CV (%)4.2%6.7%7.3%5%7.8%8.9%

Reproducibility	LotsLot 1 (pg/ml)Lot 2 (pg/ml)Lot 3 (pg/ml)Lot 4 (pg/ml)Mean (pg/ml)Standard DeviationCV (%)Sample 11331331201191266.755.3%Sample 252550754046951026.525.2%Sample 31268126712201339127342.53.3%*number of samples for each test n=16.
Preparation and Storage	Store at 4 degree C for 6 months. (Ships with gel ice, can store for up to 3 days in room temperature. Refrigerate upon receipt.)

IMAGES



Standard Curve (Sample)
Mouse CD6 PicoKine ELISA Kit standard curve

ADDITIONAL INFORMATION

Related Product Information for CD6 elisa kit	The brand Picokine indicates this is a premium quality ELISA kit. Each Picokine kit delivers precise quantification, high sensitivity, and excellent reproducibility. Only our most reliable and effective kits qualify as Picokine, guaranteeing top-tier results for your assays.
Product Categories/Family for CD6 elisa kit	Quick ELISA Kits

NCBI AND UNIPROT INFORMATION

NCBI GI #	341940337
NCBI GeneID	12511
UniProt Accession #	Q61003 ; Q60679 ; Q61004 ; Q8BGK1
Molecular Weight	67,892 Da
NCBI Official Full Name	T-cell differentiation antigen CD6
NCBI Official Synonym Full Names	CD6 antigen
NCBI Official Symbol	Cd6
NCBI Protein Information	T-cell differentiation antigen CD6
UniProt Protein Name	T-cell differentiation antigen CD6
UniProt Gene Name	Cd6
UniProt Entry Name	CD6_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.