

Mouse CD80/B7-1 ELISA Kit | CD80/B7-1 elisa kit

Mouse CD80/B7-1 PicoKine Quick ELISA Kit

CATALOG # AAA128069	REACTIVITY Mouse	APPLICATIONS ELISA
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PRODUCT SYNONYMS

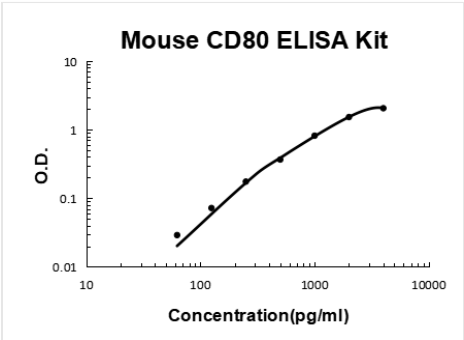
CD80/B7-1; Mouse CD80/B7-1 PicoKine Quick ELISA Kit; T-lymphocyte activation antigen CD80; Activation B7-1 antigen; B7; CD80; Cd80; CD80/B7-1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Samples	cell culture supernatants and serum
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: D37-K245
Cross Reactivity	There is no detectable cross-reactivity with other relevant proteins.
Applicable Applications for CD80/B7-1 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.0.0310.0600.1030.2060.3980.8491.5612.089
Intra Assay Consistency & Inter Assay Consistency	Intra-Assay PrecisionInter-Assay PrecisionSample123123n161616242424Mean (pg/ml)15373317041587171630Standard deviation9.9447.64132.9113.2759.51133.66CV (%)6.5%6.5%7.8%8.4%8.3%8.2%

Reproducibility	LotsLot 1 (pg/ml)Lot 2 (pg/ml)Lot 3 (pg/ml)Lot 4 (pg/ml)Mean (pg/ml)Standard DeviationCV (%)Sample 11531391331511448.35.7%Sample 273383173983678448.826.2%Sample 31704160914501522157195.096%*number of samples for each test n=16.
Preparation and Storage	Store at 4 degree C for 6 months, at -20 degree C for 12 months. Avoid multiple freeze-thaw cycles (Ships with gel ice, can store for up to 3 days in room temperature. Freeze upon receiving.)

IMAGES



Standard Curve (Sample)
 Mouse B7-1/CD80 PicoKine ELISA Kit standard curve

ADDITIONAL INFORMATION

Related Product Information for CD80/B7-1 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 CD80/B7-1 elisa kit	Quick ELISA Kits

NCBI AND UNIPROT INFORMATION

NCBI GI #	112983684
NCBI GeneID	12519
NCBI Accession #	NP_033985.3
NCBI GenBank Nucleotide #	NM_009855.2
UniProt Accession #	Q00609 ; Q61332
Molecular Weight	24,051 Da
NCBI Official Full Name	T-lymphocyte activation antigen CD80
NCBI Official Synonym Full Names	CD80 antigen
NCBI Official Symbol	Cd80
NCBI Official Synonym Symbols	B71; Ly53; TSA1; Cd28l; Ly-53; MIC17
NCBI Protein Information	T-lymphocyte activation antigen CD80
UniProt Protein Name	T-lymphocyte activation antigen CD80
UniProt Gene Name	Cd80
UniProt Synonym Gene Names	B7; B7

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.

