

Mouse DKK-1 ELISA Kit | DKK-1 elisa kit

Mouse DKK-1 PicoKine Quick ELISA Kit

CATALOG # AAA128078	REACTIVITY Mouse	APPLICATIONS ELISA
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PRODUCT SYNONYMS

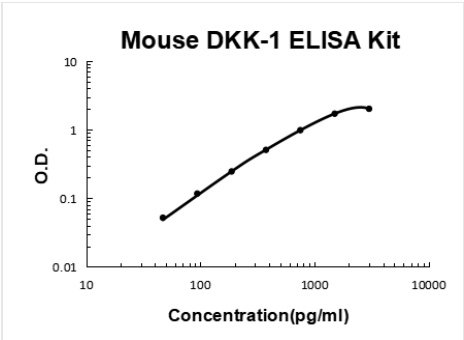
DKK-1; Mouse DKK-1 PicoKine Quick ELISA Kit; Dickkopf-related protein 1; Dickkopf-1; Dkk-1; mDkk-1; Dkk1; DKK-1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Samples	cell culture supernatants, cell lysates, serum and plasma (heparin, EDTA)
Assay Range	46.9pg/ml-3,000pg/ml
Sensitivity	<15pg/ml
Capture antibody and Detection antibody	polyclonal antibody from goat polyclonal antibody from goat
Immunogen	Expression system for standard: CHO; Immunogen sequence: S30-H272
Anticoagulant	heparin or EDTA
Cross Reactivity	There is no detectable cross-reactivity with other relevant proteins.
Applicable Applications for DKK-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)046.993.8187.5375750150030000.D.O.0430.0950.1600.2890.5511.0281.7562.063
Intra Assay Consistency & Inter Assay Consistency	Intra-Assay PrecisionInter-Assay PrecisionSample123123n161616242424Mean (pg/ml)974251418944171519Standard deviation6.430.1768.067.4%930.8588.1CV (%)6.6%7.1%4.8%6.8%7.4%5.8%

Reproducibility	LotsLot 1 (pg/ml)Lot 2 (pg/ml)Lot 3 (pg/ml)Lot 4 (pg/ml)Mean (pg/ml)Standard DeviationCV (%)Sample 19797101103992.592.6%Sample 242536136338838425.826.7%Sample 31418132012281302131767.745.1%*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 DKK1 PicoKine ELISA Kit standard curve

ADDITIONAL INFORMATION

Related Product Information for DKK-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 DKK-1 elisa kit	Quick ELISA Kits

NCBI AND UNIPROT INFORMATION

NCBI GI #	408360053
NCBI GeneID	13380
UniProt Accession #	O54908 ; Q80UL5
Molecular Weight	29,298 Da
NCBI Official Full Name	Dickkopf-related protein 1
NCBI Official Synonym Full Names	dickkopf homolog 1 (Xenopus laevis)
NCBI Official Symbol	Dkk1
NCBI Official Synonym Symbols	mdkk-1
NCBI Protein Information	dickkopf-related protein 1; dkk-1; dickkopf-1; dickkopf-like protein 1
UniProt Protein Name	Dickkopf-related protein 1
UniProt Gene Name	Dkk1
UniProt Synonym Gene Names	Dickkopf-1; Dkk-1; mDkk-1
UniProt Entry Name	DKK1_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.