

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

Rat DKK-1 PicoKine Quick ELISA Kit

CATALOG # AAA128094	REACTIVITY Rat	APPLICATIONS ELISA
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PRODUCT SYNONYMS

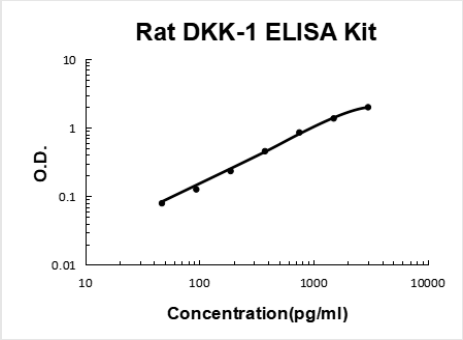
DKK-1; Rat DKK-1 PicoKine Quick ELISA Kit; Dickkopf homolog 1; dickkopf WNT signaling pathway inhibitor 1; Dickkopf homolog 1 (Xenopus laevis)(Predicted) ; Dickkopf-like protein 1 ; Protein Dkk1 ; Dkk1 ; DKK1; Dkk1_predicted; LOC100912050 ; rCG_48380; DKK-1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
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	monoclonal antibody from mouse polyclonal antibody from goat
Immunogen	Expression system for standard: NS0; Immunogen sequence: S23-H270
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)046.993.8187.537575015003000O.D.O.0100.0890.1360.2430.4640.8621.3762.000
Intra Assay Consistency & Inter Assay Consistency	Intra-Assay PrecisionInter-Assay PrecisionSample123123n161616242424Mean (pg/ml)913611121843591024Standard deviation6.4628.5188.4%97.3938.4%886.01CV (%)7.1%7.9%7.6%8.8%9.8%8.4%

Reproducibility	LotsLot 1 (pg/ml)Lot 2 (pg/ml)Lot 3 (pg/ml)Lot 4 (pg/ml)Mean (pg/ml)Standard DeviationCV (%)Sample 191939392920.820.8%Sample 236131036532734023.096.7%Sample 31121133811621204120681.536.7%*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)
Rat 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 #	157822129
NCBI GeneID	293897
NCBI Accession #	NP_001099820.1
NCBI GenBank Nucleotide #	NM_001106350.1
UniProt Accession #	D3Z9J1
Molecular Weight	29,149 Da
NCBI Official Full Name	dickkopf-related protein 1
NCBI Official Synonym Full Names	dickkopf WNT signaling pathway inhibitor 1
NCBI Official Symbol	Dkk1
NCBI Protein Information	dickkopf-related protein 1
UniProt Protein Name	Dickkopf homolog 1 (Xenopus laevis) (Predicted)
UniProt Gene Name	Dkk1
UniProt Entry Name	D3Z9J1_RAT

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.