

Mouse DKK1 ELISA Kit | DKK1 elisa kit

Mouse DKK1 PicoKine ELISA Kit

CATALOG #
AAA45523

REACTIVITY
Mouse

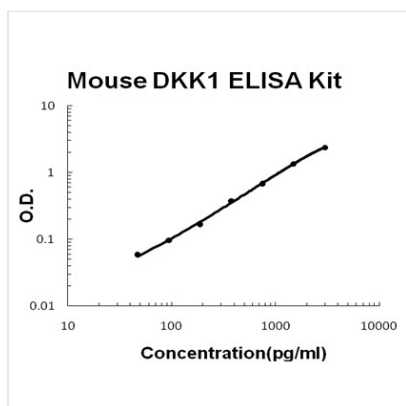
PRODUCT SYNONYMS

DKK1; Mouse DKK1 PicoKine ELISA Kit; Dickkopf-related protein 1; dickkopf WNT signaling pathway inhibitor 1; Dickkopf 1; Dickkopf homolog 1; Dickkopf related protein 1; DKK 1; hDkk 1; hDkk1; mDkk1; SK; DKK1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	Natural and recombinant mouse DKK1
Sequence Length	272
Samples	Cell culture supernates, serum and plasma (heparin, EDTA)
Assay Type	Sandwich
Detection Range	46.9pg/ml-3000pg/ml
Sensitivity	< 15pg/ml
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision.
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision.
Preparation and Storage	Store at 4 degree C for 6 months, at -20 degree C for 12 months. Avoid multiple freeze-thaw cycles (Shipped with wet ice.)

IMAGES



Standard Curve (Sample)

Mouse DKK1 PicoKine ELISA Kit standard curve

ADDITIONAL INFORMATION

Related Product Information for DKK1 elisa kit	Principle of the assay: mouse DKK1 ELISA Kit was based on standard sandwich enzyme-linked immune-sorbent assay technology. A monoclonal antibody from rat specific for DKK1 has been precoated onto 96-well plates. Standards(CHO, S30-H272) and test samples are added to the wells, a biotinylated detection polyclonal antibody from goat specific for DKK1 is added subsequently and then followed by washing with PBS or TBS buffer. Avidin-Biotin-Peroxidase Complex was added and unbound conjugates were washed away with PBS or TBS buffer. HRP substrate TMB was used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the mouse DKK1 amount of sample captured in plate. Background: Dickkopf-related protein 1 is a protein that in humans is encoded by the DKK1 gene, which was mapped to chromosome 10q11.2. This gene encodes a protein that is a member of the dickkopf family. It is a secreted protein with two cysteine rich regions and is involved in embryonic development through its inhibition of the WNT signaling pathway. Elevated levels of DKK1 in bone marrow, plasma and peripheral blood is associated with the presence of osteolytic bone lesions in patients with multiple myeloma.
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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.

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Online datasheet: <https://stage.aaabiotech.com/mouse-elisa-kits/dkk1/45523>