

Human dickkopf homolog 1 (Xenopus laevis) ELISA Kit | DKK1 elisa kit

Human Dickkopf 1, DKK1 ELISA Kit

CATALOG #
AAA80007

REACTIVITY
Human

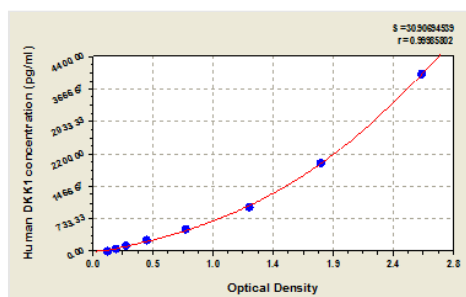
PRODUCT SYNONYMS

dickkopf homolog 1 (Xenopus laevis); Human Dickkopf 1; DKK1 ELISA Kit; DKK-1; SK; dickkopf homolog 1; dickkopf related protein-1; dickkopf-1 like; DKK1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human DKK1. No significant cross-reactivity or interference between Human DKK1 and analogues was observed.
Sequence Length	266
Samples	Serum, plasma, tissue homogenates
Assay Type	Sandwich
Detection Range	62.5 pg/ml-4000pg/ml
Sensitivity	15.6pg/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV% is less than 8% Three samples of known concentration were tested twenty times on one plate to assess. Inter-assay Precision (Precision between assays): CV% is less than 10% Three samples of known concentration were tested in twenty assays to assess.
Detection Wavelength	450 nm
Sample Volume	50-100ul
Protein Biological Process 1	Signaling Pathway
Protein Biological Process 3	Wnt signaling pathway
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for DKK1 elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for DKK1 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any DKK1 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for DKK1 is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of DKK1 bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	7110719
NCBI GeneID	22943
NCBI Accession #	NP_036374.1
NCBI GenBank Nucleotide #	NM_012242.2
UniProt Accession #	O94907; B2RC19
Molecular Weight	28,672 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 Official Synonym Symbols	SK; DKK-1
NCBI Protein Information	dickkopf-related protein 1; hDkk-1; dickkopf-1 like; dickkopf 1 homolog; dickkopf-like protein 1; dickkopf related protein-1
UniProt Protein Name	Dickkopf-related protein 1
UniProt Gene Name	DKK1
UniProt Synonym Gene Names	UNQ492/PRO1008; Dickkopf-1; Dkk-1; hDkk-1
UniProt Entry Name	DKK1_HUMAN

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/dkk1-human-elisa-kits/dickkopf-homolog-1-xenopus-laevis/80007>