

Human DKK3 ELISA Kit | DKK3 elisa kit

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CATALOG # AAA261731	REACTIVITY Human	APPLICATIONS ELISA
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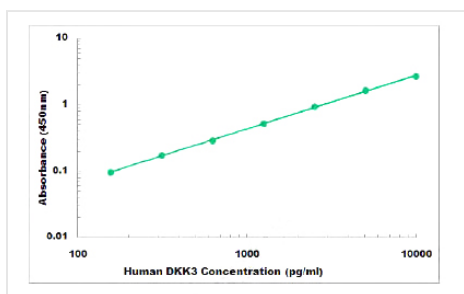
PRODUCT SYNONYMS

DKK3; Human DKK3 ELISA Kit; REIC; Dickkopf-related protein 3; Dickkopf-3; Dkk-3; hDkk-3; DKK3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	The Human DKK3 ELISA Kit allows for the detection and quantification of endogenous levels of natural and/or recombinant Human DKK3 proteins within the range of 156 pg/ml - 10000 pg/ml.
Sequence Length	350
Samples	Cell Culture Supernatants, Serum, Plasma.
Sensitivity	10 pg/ml.
Applicable Applications for DKK3 elisa kit	ELISA (Sandwich ELISA)
Preparation and Storage	Shipped and store at 4 degree C for 6 months, store at -20 degree C for one year. Avoid freeze/thaw cycles.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for DKK3 elisa kit	Principle of the Assay The Human DKK3 ELISA (Enzyme-Linked Immunosorbent Assay) kit is an in vitro enzyme-linked immunosorbent assay for the quantitative measurement of Human DKK3 in Cell Culture Supernatants, Serum, Plasma. This assay employs an antibody specific for Human DKK3 coated on a 96-well plate. Standards and samples are pipetted into the wells and DKK3 present in a sample is bound to the wells by the immobilized antibody. The wells are washed and biotinylated anti-Human DKK3 antibody is added. After washing away unbound biotinylated antibody, HRP-conjugated streptavidin is pipetted to the wells. The wells are again washed, a TMB substrate solution is added to the wells and color develops in proportion to the amount of DKK3 bound. The Stop Solution changes the color from blue to yellow, and the intensity of the color is measured at 450 nm. Background/Introduction: Dickkopf-related protein 3 is a protein that in humans is encoded by the DKK3 gene. This gene encodes a protein that is a member of the dickkopf family. It is mapped to 11p15.3. The secreted protein contains two cysteine rich regions and is involved in embryonic development through its interactions with the Wnt signaling pathway. The expression of this gene is decreased in a variety of cancer cell lines and it may function as a tumor suppressor gene. Members of the Dkk-related family display unique patterns of mRNA expression in human and mouse tissues, and are secreted when expressed in 293T cells. DKKs play an important role in vertebrate development, where they locally inhibit Wnt regulated processes such as antero-posterior axial patterning, limb development, somitogenesis and eye formation. In the adult, Dkks are implicated in bone formation and bone disease, cancer and Alzheimer disease.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	311033372
NCBI GeneID	27122
UniProt Accession #	Q9UBP4; Q9ULB7; A8K1I2; D3DQW1
Molecular Weight	38,390 Da
NCBI Official Full Name	Dickkopf-related protein 3
NCBI Official Synonym Full Names	dickkopf WNT signaling pathway inhibitor 3
NCBI Official Symbol	DKK3
NCBI Official Synonym Symbols	RIG; REIC
NCBI Protein Information	dickkopf-related protein 3
UniProt Protein Name	Dickkopf-related protein 3
UniProt Gene Name	DKK3
UniProt Synonym Gene Names	REIC; Dickkopf-3; Dkk-3; hDkk-3
UniProt Entry Name	DKK3_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://www.aaabiotech.com/human-elisa-kits/dkk3/261731>