

Human DKK2 ELISA Kit | DKK2 elisa kit

Human DKK2 (Dickkopf Related Protein 2) ELISA Kit

CATALOG #
AAA21575

REACTIVITY
Human

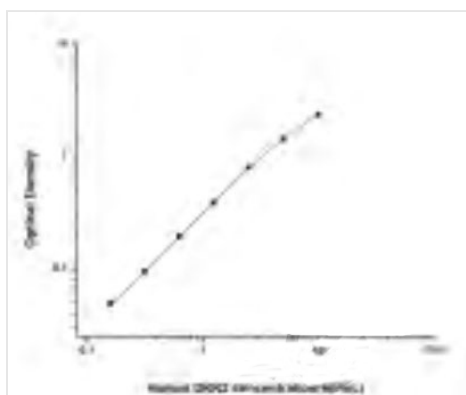
PRODUCT SYNONYMS

DKK2; Human DKK2 (Dickkopf Related Protein 2) ELISA Kit; DKK2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This kit recognizes Human DKK2 in samples. No significant cross-reactivity or interference between Human DKK2 and analogues was observed
Sequence Length	259
Assay Type	Quantitative Sandwich
Samples	Serum, plasma and other biological fluids
Detection Range	0.16-10 ng/mL
Sensitivity	0.1 ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, mid range and high level Human DKK2 were tested 20 times on one plate, respectively.
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, mid range and high level Human DKK2 were tested on 3 different plates, 20 replicates in each plate, respectively.
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for DKK2 elisa kit	Principle of the Assay: This ELISA kit uses the Sandwich-ELISA principle. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to Human DKK2. Samples (or Standards) are added to the micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for Human DKK2 and Avidin-Horseradish Peroxidase (HRP) conjugate are added successively to each micro plate well and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain Human DKK2, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of stop solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 ± 2 nm. The OD value is proportional to the concentration of Human DKK2. You can calculate the concentration of Human DKK2 in the samples by comparing the OD of the samples to the standard curve. Intended Uses: This ELISA kit applies to the in vitro quantitative determination of Human DKK2 concentrations in serum, plasma and other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	7657023
NCBI GeneID	27123
NCBI Accession #	NP_055236.1
NCBI GenBank Nucleotide #	NM_014421.2
UniProt Accession #	Q9UBU2; Q9UIU3; A0AVE9; B2R6S7
Molecular Weight	28,447 Da
NCBI Official Full Name	dickkopf-related protein 2
NCBI Official Synonym Full Names	dickkopf WNT signaling pathway inhibitor 2
NCBI Official Symbol	DKK2
NCBI Official Synonym Symbols	DKK-2
NCBI Protein Information	dickkopf-related protein 2; dickkopf 2 homolog; dickkopf homolog 2; dickkopf related protein-2; dickkopf-2; hDkk-2
UniProt Protein Name	Dickkopf-related protein 2
UniProt Gene Name	DKK2
UniProt Synonym Gene Names	Dickkopf-2; Dkk-2; hDkk-2
UniProt Entry Name	DKK2_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.