

Rat DKK3 ELISA Kit | DKK3 elisa kit

Rat DKK3 (Dickkopf Related Protein 3) ELISA Kit

CATALOG #
AAA165940

REACTIVITY
Rat

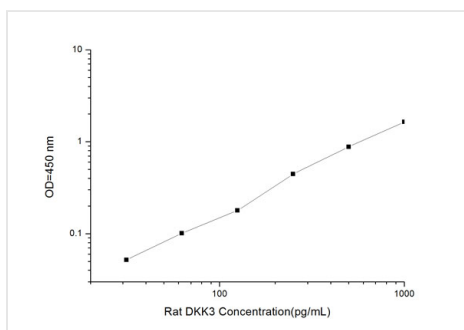
PRODUCT SYNONYMS

DKK3; Rat DKK3 (Dickkopf Related Protein 3) ELISA Kit; DKK3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This kit recognizes Rat DKK3 in samples. No significant cross-reactivity or interference between Rat DKK3 and analogues was observed.
Sequence Length	350
Samples	Serum, plasma and other biological fluids
Assay Type	Quantitative Sandwich
Detection Range	31.25-2000pg/mL
Sensitivity	18.75pg/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, mid range and high level Rat DKK3 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 Rat DKK3 were tested on 3 different plates, 20 replicates in each plate.
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for DKK3 elisa kit	Intended Uses: This ELISA kit applies to the in vitro quantitative determination of Rat DKK3 concentrations in serum, plasma and other biological fluids. 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 Rat DKK3. Standards or samples are added to the micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for Rat DKK3 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 Rat DKK3, 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 nm +/- 2 nm. The OD value is proportional to the concentration of Rat DKK3. You can calculate the concentration of Rat DKK3 in the samples by comparing the OD of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	66346689
NCBI GeneID	27122
NCBI Accession #	NP_001018067.1
NCBI GenBank Nucleotide #	NM_001018057.1
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; RIG-like 5-6; RIG-like 7-1; dickkopf 3 homolog; dickkopf homolog 3; dickkopf-3; dkk-3; hDkk-3; regulated in glioma
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.