

Mouse Dickkopf Related Protein 3 (DKK3) ELISA Kit | DKK3 elisa kit

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CATALOG #
AAA68547

REACTIVITY
Mouse

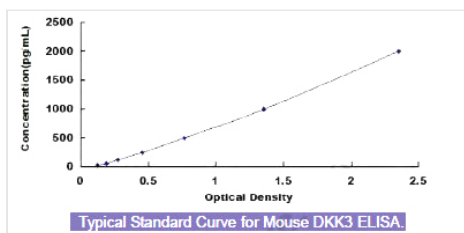
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of DKK3. No significant cross-reactivity or interference between DKK3 and analogues was observed.
Sequence Length	349
Samples	Serum, plasma, tissue homogenates or other biological fluids
Assay Type	Quantitative Sandwich
Detection Range	31.25-2000pg/mL
Sensitivity	<14.3pg/mL.
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level DKK3 were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level DKK3 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for DKK3 elisa kit

Intended Uses: The kit is a sandwich enzyme immunoassay for the in vitro quantitative measurement of DKK3 in mouse serum, plasma, tissue homogenates or other biological fluids.

Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to DKK3. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to DKK3. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain DKK3, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of DKK3 in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	7657027
NCBI GeneID	50781
NCBI Accession #	NP_056629.1
NCBI GenBank Nucleotide #	NM_015814.3
UniProt Accession #	Q9QUN9
Molecular Weight	38,388 Da
NCBI Official Full Name	dickkopf-related protein 3 isoform b
NCBI Official Synonym Full Names	dickkopf WNT signaling pathway inhibitor 3
NCBI Official Symbol	Dkk3
NCBI Official Synonym Symbols	dkk-3; C87148; mDkk-3; AW061014
NCBI Protein Information	dickkopf-related protein 3
UniProt Protein Name	Dickkopf-related protein 3
UniProt Gene Name	Dkk3
UniProt Synonym Gene Names	Dickkopf-3; Dkk-3; mDkk-3

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/dickkopf-related-protein-3-dkk3/68547>