

Mouse Dickkopf Related Protein 2 ELISA Kit | DKK2 elisa kit

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CATALOG # AAA85160	REACTIVITY Mouse
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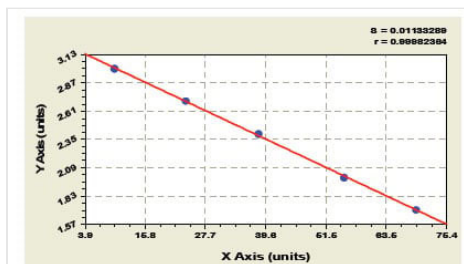
PRODUCT SYNONYMS

Dickkopf Related Protein 2; Mouse Dickkopf Related Protein 2 ELISA Kit; DKK2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	0.5-10ng/mL
Sensitivity	0.1ng/mL
Intended Uses	This Dikk2 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Mouse Dikk2. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for DKK2 elisa kit	Principle of the assay: Dikk2 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-Dikk2 antibody and an Dikk2-HRP conjugate. The assay sample and buffer are incubated together with Dikk2-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the Dikk2 concentration since Dikk2 from samples and Dikk2-HRP conjugate compete for the anti-Dikk2 antibody binding site. Since the number of sites is limited, as more sites are occupied by Dikk2 from the sample, fewer sites are left to bind Dikk2-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The Dikk2 concentration in each sample is interpolated from this standard curve.
Product Categories/Family for DKK2 elisa kit	Immunology

NCBI AND UNIPROT INFORMATION

NCBI GI #	7657023
NCBI GeneID	27123
NCBI Accession #	NP_055236.1
NCBI GenBank Nucleotide #	NM_014421.2
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; hDkk-2; dickkopf-2; dickkopf 2 homolog; dickkopf homolog 2; dickkopf related protein-2
UniProt Protein Name	Dickkopf-related protein 2
UniProt Gene Name	DKK2
UniProt Synonym Gene Names	UNQ682/PRO1316; 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.

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Online datasheet: <https://www.aaabiotech.com/dkk2-mouse-elisa-kits/dickkopf-related-protein-2/85160>