

Monkey Dickkopf Related Protein 2 ELISA Kit | DKK2 elisa kit

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CATALOG #
AAA89985

REACTIVITY
Monkey

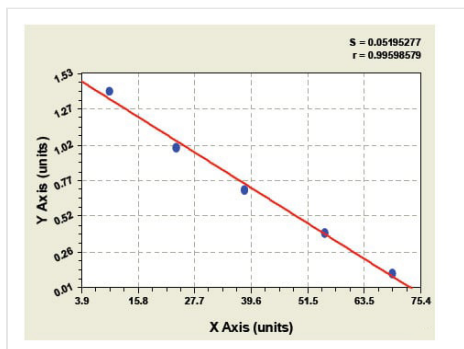
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Monkey
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 DKK2 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Monkey DKK2. 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: DKK2 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-DKK2 antibody and an DKK2-HRP conjugate. The assay sample and buffer are incubated together with DKK2-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 DKK2 concentration since DKK2 from samples and DKK2-HRP conjugate compete for the anti-DKK2 antibody binding site. Since the number of sites is limited, as more sites are occupied by DKK2 from the sample, fewer sites are left to bind DKK2-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The DKK2 concentration in each sample is interpolated from this standard curve.

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.