

Human Disks large homolog 2 (DLG2) ELISA Kit

Catalog No: #EK10625



Package Size: #EK10625-1 48T #EK10625-2 96T

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Description

Product Name	Human Disks large homolog 2 (DLG2) ELISA Kit
Brief Description	ELISA Kit
Applications	ELISA
Species Reactivity	Human (Homo sapiens)
Other Names	DKFZp781D1854; DKFZp781E0954; FLJ37266; MGC131811; PSD-93; PSD93; chapsyn-110; OTTHUMP0000165971 channel-associated protein of synapses; 110kDa chapsyn-110 discs; large homolog 2; chapsyn-110
Accession No.	Q15700
Uniprot	Q15700
GeneID	1740;
Storage	<p>The stability of ELISA kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition.</p> <p>The loss rate was determined by accelerated thermal degradation test. Keep the kit at 37C for 4 and 7 days, and compare O.D.values of the kit kept at 37C with that of at recommended temperature. (referring from China Biological Products Standard, which was calculated by the Arrhenius equation. For ELISA kit, 4 days storage at 37C can be considered as 6 months at 2 - 8C, which means 7 days at 37C equaling 12 months at 2 - 8C).</p>

Application Details

Detect Range:0.625-40 µ/L

Sensitivity:0.247 µ/L

Sample Type:Serum, Plasma, Other biological fluids

Sample Volume: 1-200 µL

Assay Time:1-4.5h

Detection wavelength:450 nm

Product Description

Detection Method:SandwichTest principle:This assay employs a two-site sandwich ELISA to quantitate DLG2 in samples. An antibody specific for DLG2 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and anyDLG2 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for DLG2 is added to the wells. After washing, Streptavidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of DLG2 bound in the initial step. The color development is stopped and the intensity of the color is measured.

Product Overview:Palmitoylated membrane protein 2 is a member of a family of membrane-associated proteins termed MAGUKs (membrane-associated guanylate kinase homologs). MAGUKs interact with the cytoskeleton and regulate cell proliferation, signaling pathways, and intracellular junctions. Palmitoylated membrane protein 2 contains a conserved sequence, called the SH3 (src homology 3) motif, found in several other proteins that associate with the cytoskeleton and are suspected to play important roles in signal transduction.The dlG-A protein had been shown to act as a tumor suppressor, and the other members of this family may be involved in signal transduction through specialized membrane domains with highly organized cytoskeletons and thus are potential tumor suppressors.

Note: This product is for in vitro research use only