

Human Disks large homolog 5 (DLG5) ELISA Kit

Catalog No: #EK10618



Package Size: #EK10618-1 48T #EK10618-2 96T

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

Description

| | |
|--------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Name | Human Disks large homolog 5 (DLG5) ELISA Kit |
| Brief Description | ELISA Kit |
| Applications | ELISA |
| Species Reactivity | Human (Homo sapiens) |
| Other Names | RP13-39P12.4; KIAA0583; LP-DLG; P-DLG5; PDLG; discs large homolog 5 discs large protein LP-DLG large type of P-DLG placenta and prostate DLG |
| Accession No. | Q8TDM6 |
| Uniprot | Q8TDM6 |
| GenID | 9231; |
| 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:Request Information

Sensitivity:Request Information

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 DLG5 in samples. An antibody specific for DLG5 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and anyDLG5 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for DLG5 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 DLG5 bound in the initial step. The color development is stopped and the intensity of the color is measured.**Product Overview:**DLG5 encodes a member of the family of discs large (DLG) homologs, a subset of the membrane-associated guanylate kinase (MAGUK) superfamily. The MAGUK proteins are composed of a catalytically inactive guanylate kinase domain, in addition to PDZ and SH3 domains, and are thought to function as scaffolding molecules at sites of cell-cell contact. The protein encoded by this gene localizes to the plasma membrane and cytoplasm, and interacts with components of adherens junctions and the cytoskeleton. It is proposed to function in the transmission of extracellular signals to the cytoskeleton and in the maintenance of epithelial cell structure. Alternative splice variants have been described but their biological nature has not been determined.

Note: This product is for in vitro research use only