

Rat Discs, Large Homolog 4 (DLG4) ELISA Kit | DLG4 elisa kit

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CATALOG #
AAA65359

REACTIVITY
Rat

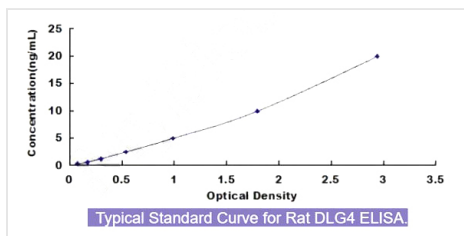
PRODUCT SYNONYMS

Discs; Large Homolog 4 (DLG4); Rat Discs; Large Homolog 4 (DLG4) ELISA Kit; PSD95; SAP90; Postsynaptic density protein 95; Synapse-associated protein 90; DLG4 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of DLG4. No significant cross-reactivity or interference between DLG4 and analogues was observed.
Sequence Length	724
Assay Type	Quantitative Sandwich
Samples	Rat tissue homogenates, cell lysates or other biological fluids
Detection Range	0.312-20ng/mL
Sensitivity	< 0.112ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level DLG4 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 DLG4 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for DLG4 elisa kit	Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to DLG4. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to DLG4. 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 DLG4, 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 DLG4 in the samples is then determined by comparing the O.D. of the samples to the standard curve. Intended Uses: The kit is a sandwich enzyme immunoassay for the in vitro quantitative measurement of DLG4 in rat tissue homogenates, cell lysates or other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	9665227
NCBI GeneID	29495
NCBI Accession #	NP_062567.1
NCBI GenBank Nucleotide #	NM_019621.1
UniProt Accession #	P31016; P97631
Molecular Weight	~ Da
NCBI Official Full Name	disks large homolog 4
NCBI Official Synonym Full Names	discs large MAGUK scaffold protein 4
NCBI Official Symbol	Dlg4
NCBI Official Synonym Symbols	Dlgh4; PSD95; Sap90
NCBI Protein Information	disks large homolog 4
UniProt Protein Name	Disks large homolog 4
UniProt Gene Name	Dlg4
UniProt Synonym Gene Names	Dlgh4; Psd95; PSD-95; SAP-90; SAP90

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/rat-elisa-kits/discs-large-homolog-4-dlg4/65359>