

Rat Delta Like Protein 4 (dLL4) ELISA Kit | dLL4 elisa kit

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CATALOG #
AAA65101

REACTIVITY
Rat

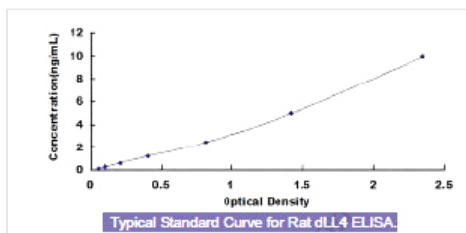
PRODUCT SYNONYMS

Delta Like Protein 4 (dLL4); Rat Delta Like Protein 4 (dLL4) ELISA Kit; Hdelta2; Drosophila Delta homolog 4; dLL4 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of dLL4. No significant cross-reactivity or interference between dLL4 and analogues was observed.
Sequence Length	686
Samples	Tissue homogenates and other biological fluids.
Assay Type	Sandwich
Detection Range	0.156-10ng/mL
Sensitivity	0.068ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level dLL4 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 dLL4 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 dLL4 elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of dLL4 in rat tissue homogenates and other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to dLL4. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to dLL4. 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 dLL4, 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 dLL4 in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	564342382
NCBI GeneID	311332
NCBI Accession #	XP_006234827.1
NCBI GenBank Nucleotide #	XP_006234827.1
UniProt Accession #	D3ZHH1
Molecular Weight	74,961 Da
NCBI Official Full Name	delta-like protein 4 isoform X1
NCBI Official Synonym Full Names	delta like canonical Notch ligand 4
NCBI Official Symbol	Dll4
NCBI Protein Information	delta-like protein 4
UniProt Protein Name	Delta-like protein 4
UniProt Gene Name	Dll4
UniProt Synonym Gene Names	Delta4Curated

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.