

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

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CATALOG #
AAA13940

REACTIVITY
Human

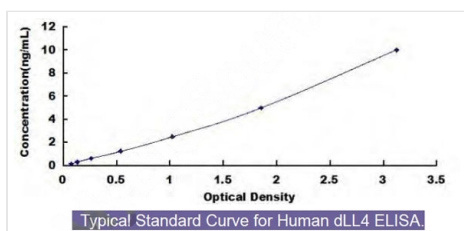
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Human
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	685
Assay Type	Quantitative Sandwich
Samples	Human tissue homogenates, cell lysates or other biological fluids
Detection Range	0.156-10ng/mL
Sensitivity	< 0.054ng/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	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. Intended Uses: The kit is a sandwich enzyme immunoassay for the in vitro quantitative measurement of dLL4 in human tissue homogenates, cell lysates or other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	9506545
NCBI GeneID	54567
NCBI Accession #	NP_061947.1
NCBI GenBank Nucleotide #	NM_019074.3
UniProt Accession #	Q9NR61; Q3KP23; Q9NQT9
Molecular Weight	74,605 Da
NCBI Official Full Name	delta-like protein 4
NCBI Official Synonym Full Names	delta like canonical Notch ligand 4
NCBI Official Symbol	DLL4
NCBI Official Synonym Symbols	AOS6; hdelta2
NCBI Protein Information	delta-like protein 4
UniProt Protein Name	Delta-like protein 4
UniProt Gene Name	DLL4
UniProt Synonym Gene Names	Delta4

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/human-elisa-kits/delta-like-protein-4-dll4/13940>