

Human Delta Like Protein 1 (dLL1) ELISA Kit | dLL1 elisa kit

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CATALOG #
AAA68155

REACTIVITY
Human

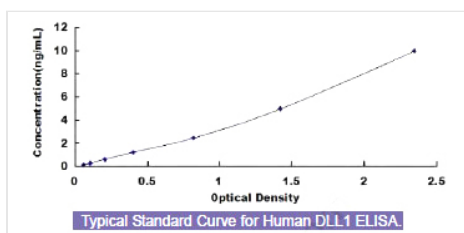
PRODUCT SYNONYMS

Delta Like Protein 1 (dLL1); Human Delta Like Protein 1 (dLL1) ELISA Kit; dLL1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of DLL1. No significant cross-reactivity or interference between DLL1 and analogues was observed.
Sequence Length	247
Samples	Tissue homogenates, cell lysates and other biological fluids.
Assay Type	Sandwich
Detection Range	0.156-10ng/mL
Sensitivity	0.075ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level DLL1 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 DLL1 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 dLL1 elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of DLL1 in human tissue homogenates, cell lysates and other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to DLL1. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to DLL1. 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 DLL1, 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 DLL1 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 #	110735443
NCBI GeneID	28514
NCBI Accession #	NP_005609.3
NCBI GenBank Nucleotide #	NM_005618.3
UniProt Accession #	O00548; Q9NU41; Q9UJV2; B2RAK7; B5M0B3
Molecular Weight	27,355 Da
NCBI Official Full Name	delta-like protein 1
NCBI Official Synonym Full Names	delta like canonical Notch ligand 1
NCBI Official Symbol	DLL1
NCBI Official Synonym Symbols	DL1; Delta; DELTA1
NCBI Protein Information	delta-like protein 1
UniProt Protein Name	Delta-like protein 1
UniProt Gene Name	DLL1
UniProt Synonym Gene Names	Delta1; H-Delta-1

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.