

Human DLL1 ELISA Kit | DLL1 elisa kit

Human DLL1 PicoKine ELISA Kit

CATALOG #
AAA45927

REACTIVITY
Human

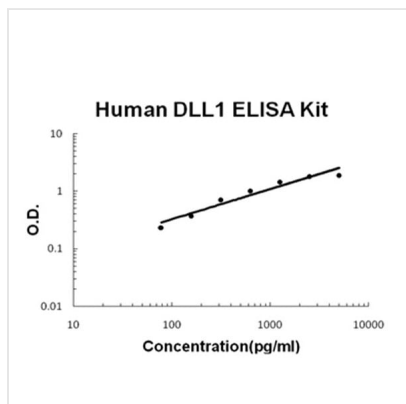
PRODUCT SYNONYMS

DLL1; Human DLL1 PicoKine ELISA Kit; Delta-like protein 1; delta-like 1 (Drosophila); Delta (Drosophila) like 1; Delta like 1 (Drosophila); Delta like 1; Delta like 1 protein; Delta like protein 1; Delta like protein 1 precursor; Delta; Drosophila; homolog of 1; Delta-like protein 1 [Precursor]; Delta1; DL1; DLL 1; Dll1; DLL1_HUMAN; Drosophila Delta homolog 1; H-Delta-1; OTTHUMP00000017690; DLL1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Natural and recombinant human DLL1
Sequence Length	723
Samples	Cell culture supernates, serum, plasma (heparin, EDTA), urine and human milk
Assay Type	Sandwich
Detection Range	78pg/ml-5000pg/ml
Sensitivity	< 10pg/ml
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision.
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision.
Preparation and Storage	Store at 4 degree C for 6 months, at -20 degree C for 12 months. Avoid multiple freeze-thaw cycles (Shipped with wet ice.)

IMAGES



Standard Curve (Sample)

Human DLL1 PicoKine ELISA Kit standard curve

ADDITIONAL INFORMATION

Related Product Information for DLL1 elisa kit	Principle of the assay: human DLL1 ELISA Kit was based on standard sandwich enzyme-linked immune-sorbent assay technology. A monoclonal antibody from mouse specific for DLL1 has been precoated onto 96-well plates. Standards(NSO, S22-G540) and test samples are added to the wells, a biotinylated detection polyclonal antibody from goat specific for DLL1 is added subsequently and then followed by washing with PBS or TBS buffer. Avidin-Biotin-Peroxidase Complex was added and unbound conjugates were washed away with PBS or TBS buffer. HRP substrate TMB was used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the human DLL1 amount of sample captured in plate. Background: DLL1(DELTA-LIKE 1), also known as DL1 or DELTA1, is a protein that in humans is encoded by the DLL1 gene. DLL1 is a human homolog of the Notch Delta ligand and is a member of the delta/serrate/jagged family. It plays a role in mediating cell fate decisions during hematopoiesis, and it is also important in cell-to-cell communication. This gene is mapped to chromosome 6q27, near a locus for type I diabetes. Functional analysis suggested that a soluble fusion protein containing the DSL domain of DLL1 and its adjacent 50 N-terminal amino acids increased the viability of hemopoietic cells but inhibited cell death. It has been found that DLL1 blocks the differentiation of progenitor cells into the B-cell lineage while promoting the emergence of a population of cells with the characteristics of a T-cell/NK-cell precursor.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	118582508
NCBI GeneID	28514
UniProt Accession #	O00548; Q9NU41; Q9UJV2; B2RAK7
Molecular Weight	78,056 Da
NCBI Official Full Name	Delta-like protein 1
NCBI Official Synonym Full Names	delta-like 1 (Drosophila)
NCBI Official Symbol	DLL1
NCBI Official Synonym Symbols	DL1; Delta; DELTA1
NCBI Protein Information	delta-like protein 1; H-Delta-1; drosophila Delta homolog 1
UniProt Protein Name	Delta-like protein 1
UniProt Gene Name	DLL1
UniProt Synonym Gene Names	Delta1; H-Delta-1
UniProt Entry Name	DLL1_HUMAN

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.