

Human DLL1 AccuSignal ELISA Kit - KOA0752

Code: KOA0752

Size: 1 Kit

Product Description: Human DLL1 AccuSignal ELISA Kit - KOA0752

PhysicalState:

Label	Unconjugated
Gene Name	DLL1
Species Reactivity	Human
Storage Condition	Store vials at 4°C prior to opening. Centrifuge product if not completely clear after standing at room temperature. This product is stable for 6 months at 4°C as an undiluted liquid. Dilute only prior to immediate use. For extended storage freeze at -20°C or below for 12 months. Avoid cycles of freezing and thawing.
Synonyms	Delta-like protein 1, Delta1, DLL1, DLL1_HUMAN, Drosophila Delta homolog 1, H-Delta-1
Application Note	Useful in Sandwich ELISA for Quantitative Detection of Antigen. Aliquot 0.1ml per well of 5000pg/ml, 2500pg/ml, 1250pg/ml, 625pg/ml, 313pg/ml, 156pg/ml, 78pg/ml human DLL1 standard solutions into the pre-coated 96-well plate. Add 0.1ml of the sample diluent buffer into the control well (Zero well). Add 0.1ml of each properly diluted sample of human cell culture supernates, serum, plasma(heparin, EDTA), urine or human milk to each empty well. We recommend that each human DLL1 standard solution and each sample is measured in duplicate.
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.
Purity And Specificity	Natural and recombinant human DLL1. There is no detectable cross-reactivity with other relevant proteins.
ELISA	78pg/ml-5000pg/ml
Expiration	See kit insert for complete instructions.
Immunogen	Expression system for standard: NSO; Immunogen sequence: S22-G540
Anti-Coagulant	Heparin Sodium

Related Products

MB-008	10X PBS pH 7.2 (0.2 M Potassium Phosphate 1.5 M Sodium Chloride) - MB-008
MB-012	10X TBS pH 7.5 (1.0 M Tris HCl 1.5 M Sodium Chloride) - MB-012
MB-013	10X TTBS pH 7.5 (1.0 M Tris HCl 1.5 M Sodium Chloride 0.1% (w/v) Tween-20) - MB-013
MB-075-1000	10X PBST (0.2 M Potassium Phosphate 1.5 M Sodium Chloride, 0.5% (v/v) Tween-20, pH 7.2) - MB-075-1000

Related Links

UniProtKB - O00548

<http://www.uniprot.org/uniprot/O00548>

NCBI - http://www.ncbi.nlm.nih.gov/protein/NP_005609.3

GeneID - 28514

<http://www.ncbi.nlm.nih.gov/sites/entrez?db=gene&term=28514>

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