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Datasheet for ABIN6720373 DLL1 ELISA Kit

Overview

Quantity:	1 kit
Target:	DLL1
Reactivity:	Human
Method Type:	Sandwich ELISA
Detection Range:	78 pg/mL - 5000 pg/mL
Minimum Detection Limit:	78 pg/mL
Application:	ELISA

Product Details

Purpose:	Sandwich ELISA for Quantitative Detection of Antigen
Sample Type:	Breast Milk, Cell Culture Supernatant, Plasma (EDTA - heparin), Serum, Urine
Analytical Method:	Quantitative
Detection Method:	Colorimetric

Characteristics:	<p>Synonyms: Delta-like protein 1, Delta1, DLL1, DLL1_HUMAN, Drosophila Delta homolog 1, H-Delta-1</p> <p>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</p>
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Product Details

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.

Gene Name: DLL1

Production: Natural and recombinant human DLL1. There is no detectable cross-reactivity with other relevant proteins.

Standard: Expression system for standard: NSO, Immunogen sequence: S22-G540

Target Details

Target:	DLL1
Alternative Name:	DLL1 (DLL1 Products)
Gene ID:	28514
NCBI Accession:	NP_005609
UniProt:	O00548
Pathways:	Notch Signaling , Stem Cell Maintenance

Application Details

Application Notes:	<p>Application Note: Useful in Sandwich ELISA for Quantitative Detection of Antigen. Aliquot 0.1 mL 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 0.1 mL of the sample diluent buffer into the control well (Zero well). Add 0.1 mL 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.</p> <p>Blood Product Anticoagulant: Heparin Sodium</p> <p>ELISA Dilution: 78pg/mL-5000pg/mL</p>
Sample Volume:	100 µL
Plate:	Pre-coated
Restrictions:	For Research Use only

Handling

Storage:	RT, 4 °C, -20 °C
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Handling

Storage Comment: 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.