

Datasheet for ABIN6719683 FLT3LG ELISA Kit

1 Image



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Overview

Quantity:	1 kit
Target:	FLT3LG
Reactivity:	Mouse
Method Type:	Sandwich ELISA
Detection Range:	31.2 pg/mL - 2000 pg/mL
Minimum Detection Limit:	31.2 pg/mL
Application:	ELISA

Product Details

Purpose:	Sandwich ELISA for Quantitative Detection of Antigen
Sample Type:	Cell Culture Supernatant, Serum
Analytical Method:	Quantitative
Detection Method:	Colorimetric
Characteristics:	<p>Synonyms: Flt 3 ligand, Flt 3L, Flt3 L, FLT3 LG, Flt3 ligand, Flt3L, FLT3L_HUMAN, Flt3lg, Fms related tyrosine kinase 3 ligand, Fms-related tyrosine kinase 3 ligand, SL cytokine</p> <p>Background: Fms-related tyrosine kinase 3 ligand(FLT3LG), also known as Flt-3ligand or FL, is a protein which in humans is encoded by the FLT3LG gene. It is mapped to 19q13.3. Flt-3ligand is a hematopoietic four helical bundle cytokine. It is structurally homologous to stem cell factor(SCF) and colony stimulating factor 1(CSF-1). In synergy with other growth factors, Flt-3ligand stimulates the proliferation and differentiation of various blood cell progenitors. Besides that, Flt-3ligand can control the development of Dendritic cells(DCs) and is particularly</p>

Product Details

important for plasmacytoid DCs and CD8-positive classical DCs and their CD103-positive tissue counterparts. Flt-3ligand also can enhance the response of stem and primitive progenitor cells to other growth factors to generate all myeloid lineages except erythroid cells.

Gene Name: FLT3LG

Production: Natural and recombinant mouse Flt-3ligand. There is no detectable cross-reactivity with other relevant proteins.

Standard: Expression system for standard: NSO, Immunogen sequence: Q25-R339

Target Details

Target: FLT3LG

Alternative Name: Flt-3ligand ([FLT3LG Products](#))

Gene ID: 14256

NCBI Accession: [NP_038548](#)

UniProt: [P49772](#)

Pathways: [RTK Signaling](#)

Application Details

Application Notes: Application Note: Useful in Sandwich ELISA for Quantitative Detection of Antigen. Aliquot 0.1 mL per well of the 2000pg/mL, 1000pg/mL, 500pg/mL, 250pg/mL, 125pg/mL, 62.5pg/mL, 31.2pg/mL mouse Flt-3ligand standard solutions into the precoated 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 mouse cell culture supernates or serum to each empty well. It is recommended that each mouse Flt-3ligand standard solution and each sample be measured in duplicate.

ELISA Dilution: 31.2pg/mL-2000pg/mL

Sample Volume: 100 µL

Plate: Pre-coated

Restrictions: For Research Use only

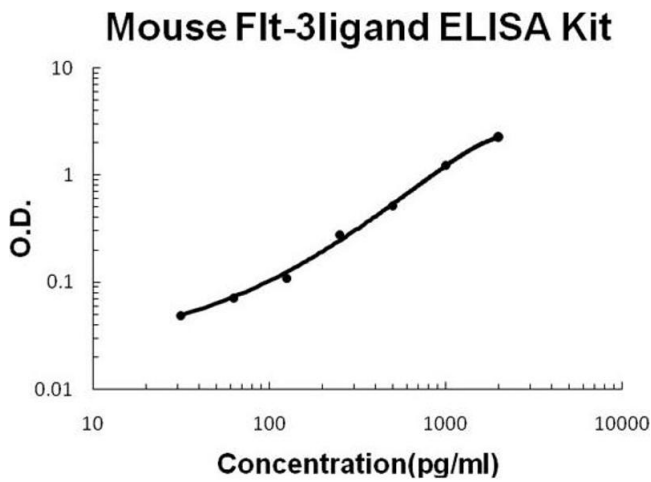
Handling

Storage: RT, 4 °C, -20 °C

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.

Images



ELISA

Image 1. Mouse Flt-3ligand Accusignal ELISA Kit Mouse Flt-3ligand AccuSignal ELISA Kit standard curve. Assay Range: 31.2pg/ml-2000pg/ml. Sensitivity: <10pg/ml.