



Datasheet for ABIN6720236

LTA ELISA Kit



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1 Image

Overview

Quantity:	1 kit
Target:	LTA
Reactivity:	Human
Method Type:	Sandwich ELISA
Detection Range:	62.5 pg/mL - 4000 pg/mL
Minimum Detection Limit:	62.5 pg/mL
Application:	ELISA

Product Details

Purpose:	Sandwich ELISA for Quantitative Detection of Antigen
Sample Type:	Cell Culture Supernatant, Plasma (EDTA - heparin), Serum
Analytical Method:	Quantitative
Detection Method:	Colorimetric
Characteristics:	<p>Synonyms: Coley's toxin, DAMA-25N12.13-004, DIF, Differentiation inducing factor, Hemorrhagic factor, LT, LT alpha, LT-alpha, Lta, LTalpha, Lymphotoxin alpha, Lymphotoxin alpha (TNF superfamily, member 1), Lymphotoxin-alpha, Natural killer cytotoxic factor, Necrosin, NKCF, TNF B, TNF superfamily member 1, TNF-beta, TNFB, TNFB_HUMAN, TNFbeta, TNFSF 1, TNFSF1, Tumor necrosis factor beta, Tumor necrosis factor ligand superfamily member 1, Tumor necrosis factor superfamily member 1</p> <p>Background: Tumor necrosis factor-beta(TNF-beta), previously called lymphotoxin-alpha(LTA), is a cytokine produced by lymphocytes. TNF-alpha and TNF-beta share 35 % identity and 50 %</p>

Product Details

homology in the amino acid sequence. The substance LTA mediates a wide variety of inflammatory, immunostimulatory, and antiviral responses. LTA is associated with susceptibility to myocardial infarction, asthma and other diseases. The LTA gene is located on human chromosome 6. The standard product used in this kit is recombinant protein, consisting of 172 amino acids with the molecular mass of 18.8kDa.

Gene Name: LTA

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

Standard: Expression system for standard: E.coli, Immunogen sequence: L35-L205

Target Details

Target:	LTA
Alternative Name:	TNF beta (LTA Products)
Target Type:	Chemical
Gene ID:	4049
NCBI Accession:	NP_000586
UniProt:	P01374
Pathways:	Regulation of Leukocyte Mediated Immunity , Positive Regulation of Immune Effector Process

Application Details

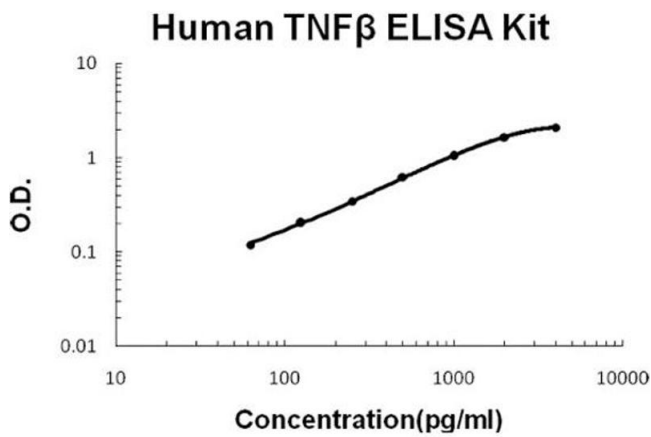
Application Notes:	<p>Application Note: Useful in Sandwich ELISA for Quantitative Detection of Antigen. Aliquot 0.1 mL per well of the 4000pg/mL, 2000pg/mL, 1000pg/mL, 500pg/mL, 250pg/mL, 125pg/mL, 62.5pg/mL human TNF beta standard solutions into the precoated 96-well plate. Add 0.1 mL of the sample diluent buffer into the control well (Zero well). Add 0.1 mL of each properly diluted sample of human cell culture supernates, serum or plasma (heparin, EDTA, citrate) to each empty well. It is recommended that each human TNF beta standard solution and each sample be measured in duplicate.</p> <p>Blood Product Anticoagulant: Heparin Sodium</p> <p>ELISA Dilution: 62.5pg/mL-4000pg/mL</p>
Sample Volume:	100 µL
Plate:	Pre-coated
Restrictions:	For Research Use only

Handling

Storage: RT, 4 °C, -20 °C

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. Human TNF beta Accusignal ELISA Kit Human TNF beta AccuSignal ELISA Kit standard curve. Assay Range: 62.5pg/ml-4000pg/ml. Sensitivity: <5pg/ml.