



[Go to Product page](#)

Datasheet for ABIN6720222

CXCL11 ELISA Kit

1 Image

Overview

Quantity:	1 kit
Target:	CXCL11
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: b R1 Beta R1, C X C motif chemokine 11, C-X-C motif chemokine 11, Chemokine C-X-C motif ligand 11, CXCL11_HUMAN, H174, I TAC, Interferon gamma inducible protein 9, Interferon inducible T cell a chemoattractant I TAC, Interferon inducible T cell alpha chemoattractant, IP9, ITAC, SCYB11, SCYB9B, Small inducible cytokine B11, Small inducible cytokine subfamily B member 11, Small inducible cytokine subfamily B member 9B, Small inducible cytokine subfamily B member 11, Small inducible cytokine subfamily B member 9B</p> <p>Background: Chemokine(C-X-C motif) ligand 11(CXCL11) is a small cytokine belonging to the CXC chemokine family that is also called Interferon-inducible T-cell alpha chemoattractant(I-</p>

Product Details

TAC) and Interferon-gamma-inducible protein 9(IP-9). By PCR analysis of somatic cell hybrids, the CXCL11 gene was mapped to chromosome 4, and using FISH, it was located to 4q21.2. The CXCL11 was strongly induced by IFNG and beta-interferon, but only weakly induced by alpha-interferon. Induction of CXCL11 required expression of STAT1. What's more, it found that monocyte chemotaxis occurs in response to recombinant CXCL11. RT-PCR analysis detected CXCL11 expression in brain tissue from a patient with AIDS dementia and a patient with multiple sclerosis but not in 2 controls.

Gene Name: CXCL11

Production: Natural and recombinant human CXCL11. There is no detectable cross-reactivity with other relevant proteins.

Standard: Expression system for standard: E.coli, Immunogen sequence: F22-F94

Target Details

Target:	CXCL11
Alternative Name:	CXCL11 - I-TAC (CXCL11 Products)
Gene ID:	6373
NCBI Accession:	NP_001289052
UniProt:	O14625

Application Details

Application Notes: 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 CXCL11 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) to each empty well. It is recommended that each human CXCL11 standard solution and each sample be measured in duplicate.

Blood Product Anticoagulant: Heparin Sodium

ELISA Dilution: 62.5pg/mL-4000pg/mL

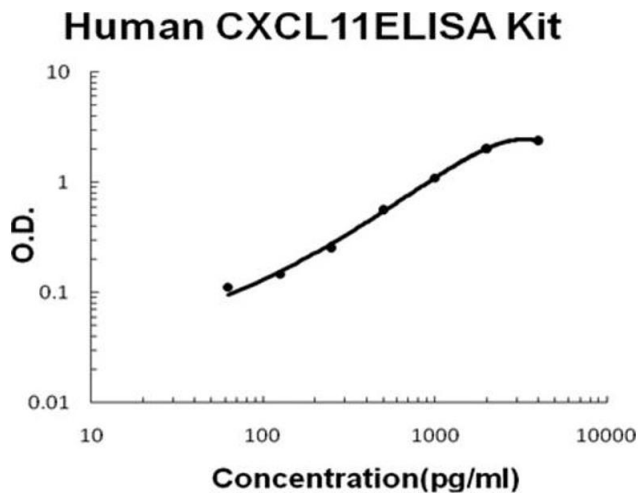
Sample Volume:	100 µL
Plate:	Pre-coated
Restrictions:	For Research Use only

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 CXCL11/I-TAC Accusignal ELISA Kit
Human CXCL11/I-TAC AccuSignal ELISA Kit standard curve. Assay Range: 62.5pg/ml-4000pg/ml.
Sensitivity: <10pg/ml.