

Datasheet for ABIN6719909

CXCL7 ELISA Kit**1** Image[Go to Product page](#)

Overview

Quantity:	1 kit
Target:	CXCL7 (PPBP)
Reactivity:	Human
Method Type:	Sandwich ELISA
Detection Range:	15.6 pg/mL - 1000 pg/mL
Minimum Detection Limit:	15.6 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 TG1, Beta TG, Beta thromboglobulin, C X C motif chemokine 7, Connective tissue activating peptide III, CTAP3, CTAPIII, LA PF4, LDGF, Leukocyte derived growth factor, Low affinity platelet factor IV, Macrophage derived growth factor, MDGF, NAP 2, Neutrophil activating peptide 2, PBP, Platelet basic protein, Pbbp, pro platelet basic protein, Small inducible cytokine B7, Small inducible cytokine subfamily B member 7, TC1, TC2, TCK 1, TGB, TGB1, THBGB, THBGB1, Thrombocidin 1, Thrombocidin 2, Thymus Chemokine 1</p> <p>Background: Chemokine(C-X-C motif) ligand 7(CXCL7), also called PPBP or SCYB7, is a human gene. The encoded protein, Chemokine(C-X-C motif) ligand is a small cytokine belonging to the</p>

Product Details

CXC chemokine family. CXCL7 is mapped to 4q13.3. It is a protein that is released in large amounts from platelets following their activation. CXCL7 is the precursor of the 2 platelet alpha-granule proteins, platelet basic protein(PBP) and connective tissue-activating peptide III(CTAP3). It stimulates various processes including mitogenesis, synthesis of extracellular matrix, glucose metabolism and synthesis of plasminogen activator. It also stimulates the formation and secretion of plasminogen activator by synovial cells.

Gene Name: CXCL7

Production: Natural and recombinant human CXCL7. There is no detectable cross-reactivity with other relevant proteins.

Standard: Expression system for standard: E.coli, Immunogen sequence: A59-D128

Target Details

Target:	CXCL7 (PPBP)
Alternative Name:	CXCL7 (PPBP Products)
Gene ID:	5473
NCBI Accession:	NP_002695
UniProt:	P02775

Application Details

Application Notes:	<p>Application Note: Useful in Sandwich ELISA for Quantitative Detection of Antigen. Aliquot 0.1 mL per well of the 1000pg/mL, 500pg/mL, 250pg/mL, 125pg/mL, 62.5pg/mL, 31.2pg/mL, 15.6pg/mL human CXCL7 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 CXCL7 standard solution and each sample be measured in duplicate.</p> <p>Blood Product Anticoagulant: Heparin Sodium</p> <p>ELISA Dilution: 15.6pg/mL-1000pg/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

