

Datasheet for ABIN5692230

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

Overview

Quantity:	96 tests
Target:	CXCL7 (PPBP)
Binding Specificity:	AA 38-111
Reactivity:	Rat
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 High Sensitivity ELISA kit for Quantitative Detection of Rat PPBP/CXCL7. 96wells/kit, with removable strips.
Brand:	PicoKine™
Sample Type:	Cell Culture Supernatant, Plasma (EDTA - heparin), Serum
Analytical Method:	Quantitative
Detection Method:	Colorimetric
Specificity:	Expression system for standard: E.coli, Immunogen sequence: K38-Y111
Sensitivity:	< 2 pg/mL
Components:	96-well plate precoated with antibody lyophilized recombinant standard

Product Details

biotinylated antibody (dilution 1:100)
Avidin-Biotin-Peroxidase Complex(ABC)(dilution 1:100)
Sample diluent buffer
Antibody diluent buffer
ABC diluent buffer
TMB color developing agent
TMB stop solution
Adhesive cover

Target Details

Target:	CXCL7 (PPBP)
Alternative Name:	Ppbp (PPBP Products)
Background:	<p>Synonyms: CXC chemokine RTCK1</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 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.</p>
UniProt:	Q99ME0

Application Details

Assay Time:	15 min
Plate:	Pre-coated
Restrictions:	For Research Use only

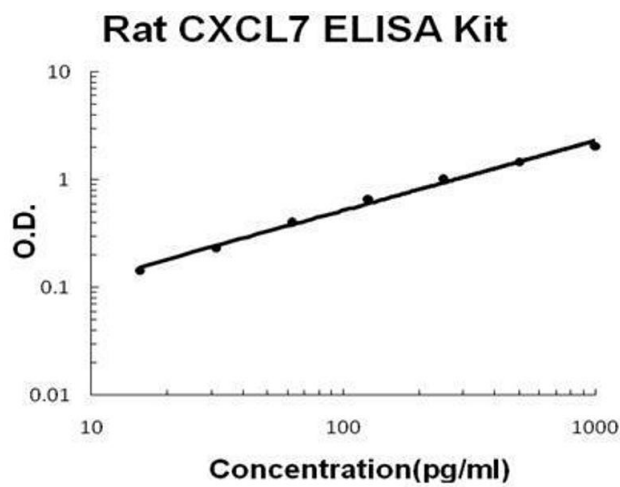
Handling

Storage:	4 °C,-20 °C
Storage Comment:	Store at 4°C for 6 months, at -20°C for 12 months. Avoid multiple freeze-thaw cycles(Shipped with wet ice.)

Handling

Expiry Date: 12 months

Images



ELISA

Image 1. Rat CXCL7 PicoKine ELISA Kit standard curve