

Human CXCL7 AccuSignal ELISA Kit - KOA0426

Code: KOA0426

Size: 1 Kit

Product Description: Human CXCL7 AccuSignal ELISA Kit - KOA0426

PhysicalState:

Label	Unconjugated
Gene Name	CXCL7
Species Reactivity	Human
Storage Condition	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.
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
Application Note	Useful in Sandwich ELISA for Quantitative Detection of Antigen. Aliquot 0.1ml 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 0.1ml of the sample diluent buffer into the control well (Zero well). Add 0.1ml 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.
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.
Purity And Specificity	Natural and recombinant human CXCL7. There is no detectable cross-reactivity with other relevant proteins.
ELISA	15.6pg/ml-1000pg/ml
Expiration	See kit insert for complete instructions.
Immunogen	Expression system for standard: E.coli; Immunogen sequence: A59-D128
Anti-Coagulant	Heparin Sodium

Related Products

MB-008	10X PBS pH 7.2 (0.2 M Potassium Phosphate 1.5 M Sodium Chloride) - MB-008
MB-012	10X TBS pH 7.5 (1.0 M Tris HCl 1.5 M Sodium Chloride) - MB-012
MB-013	10X TTBS pH 7.5 (1.0 M Tris HCl 1.5 M Sodium Chloride 0.1% (w/v) Tween-20) - MB-013
MB-075-1000	10X PBST (0.2 M Potassium Phosphate 1.5 M Sodium Chloride, 0.5% (v/v) Tween-20, pH 7.2) - MB-075-1000

Related Links

UniProtKB - P02775

<http://www.uniprot.org/uniprot/P02775>

 NCBI - http://www.ncbi.nlm.nih.gov/protein/NP_002695.1

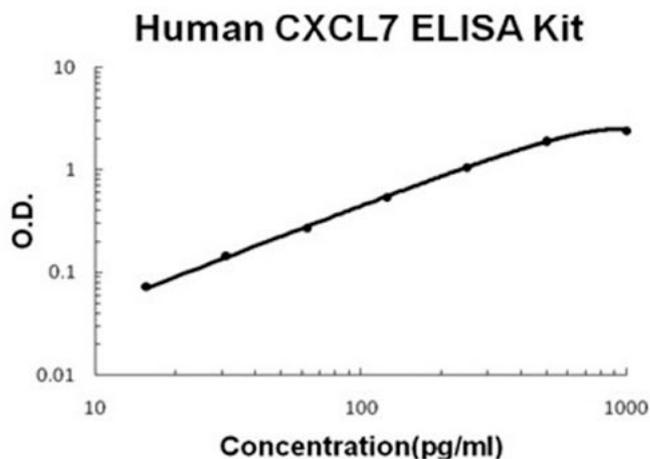
GeneID - 5473

<http://www.ncbi.nlm.nih.gov/sites/entrez?db=gene&term=5473>

KOA0426 Protocol [http://www.rockland-inc.com/uploadedfiles/Support/KOA0426%20\(NMA\).pdf](http://www.rockland-inc.com/uploadedfiles/Support/KOA0426%20(NMA).pdf)

Images

1 Human CXCL7 AccuSignal ELISA Kit standard curve. Assay Range: 15.6pg/ml-1000pg/ml. Sensitivity: <2pg/ml.



Disclaimer

This product is for research use only and is not intended for therapeutic or diagnostic applications. Please contact a technical service representative for more information. All products of animal origin manufactured by Rockland Immunochemicals are derived from starting materials of North American origin. Collection was performed in United States Department of Agriculture (USDA) inspected facilities and all materials have been inspected and certified to be free of disease and suitable for exportation. All properties listed are typical characteristics and are not specifications. All suggestions and data are offered in good faith but without guarantee as conditions and methods of use of our products are beyond our control. All claims must be made within 30 days following the date of delivery. The prospective user must determine the suitability of our materials before adopting them on a commercial scale. Suggested uses of our products are not recommendations to use our products in violation of any patent or as a license under any patent of Rockland Immunochemicals, Inc. If you require a commercial license to use this material and do not have one, then return this material, unopened to: Rockland Inc., P.O. BOX 5199, Limerick, Pennsylvania, USA.