

Human Platelet basic protein ELISA Kit | CXCL7 elisa kit

Human Platelet basic protein ELISA Kit

CATALOG #
AAA100979

REACTIVITY
Human

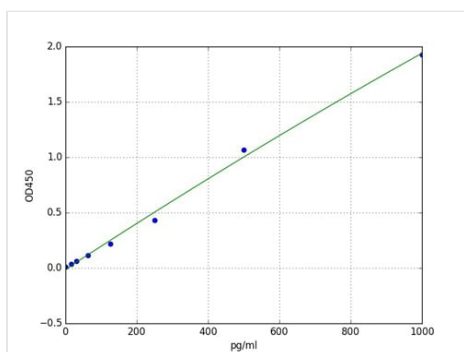
PRODUCT SYNONYMS

Platelet basic protein; Human Platelet basic protein ELISA Kit; CXCL7/CTAP III/NAP-2/PPBP/connective tissue-activating peptide III/CTAP3CTAP-III/CTAPIII/CXC chemokine ligand 7/C-X-C motif chemokine 7/CXCL7b-TG1/LA-PF4/LDGFTC1/Leukocyte-derived growth factor/low-affinity platelet factor IV/Macrophage-derived growth factor/MDGFTC2/NAP-2/NAP-2-L1/neutrophil-activating peptide 2/neutrophil-activating peptide-2/PBPTHGB/platelet basic protein/pro-platelet basic protein (chemokine (C-X-C motif) ligand 7)/SCAR10/SCYB7beta-thromboglobulin/small inducible cytokine B7/small inducible cytokine subfamily B; member 7/Small-inducible cytokine B7/TGB/TGB1B-TG1/THBGB1/thrombocidin 1/thrombocidin 2/thromboglobulin; beta-1; CXCL7 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	128
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	15.625-1000pg/ml
Sensitivity	9.375pg/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

Typical Data & Standard Curve

Results of a typical standard run of a CXCL7 ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	pg/ml	0	15.6	31.2	62.5	125	250	500	1000
Y	OD450	0.047	0.121	0.200	0.333	0.622	1.115	1.626	2.167

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CXCL7 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-CXCL7 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti- CXCL7 antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the CXCL7 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of CXCL7 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4505981
NCBI GeneID	5473
NCBI Accession #	NP_002695.1
NCBI GenBank Nucleotide #	NM_002704.3
Molecular Weight	13,894 Da
NCBI Official Full Name	platelet basic protein preproprotein
NCBI Official Synonym Full Names	pro-platelet basic protein
NCBI Official Symbol	PPBP
NCBI Official Synonym Symbols	PBP; TC1; TC2; TGB; LDGF; MDGF; TGB1; B-TG1; CTAP3; CXCL7; NAP-2; SCYB7; THBGB; LA-PF4; THBGB1; Beta-TG; CTAPIII; CTAP-III
NCBI Protein Information	platelet basic protein
UniProt Protein Name	Platelet basic protein
UniProt Gene Name	PPBP
UniProt Synonym Gene Names	CTAP3; CXCL7; SCYB7; TGB1; THBGB1; PBP; LDGF; MDGF; CTAP-III; CTAP-III(1-81); Beta-TG; NAP-2(74); NAP-2(73); NAP-2; NAP-2(1-66); NAP-2(1-63)
UniProt Entry Name	CXCL7_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/cxcl7-human-elisa-kits/platelet-basic-protein/100979>