

Human PF4 (Platelet Factor 4) ELISA Kit | PF4 elisa kit

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CATALOG #
AAA278068

REACTIVITY
Human

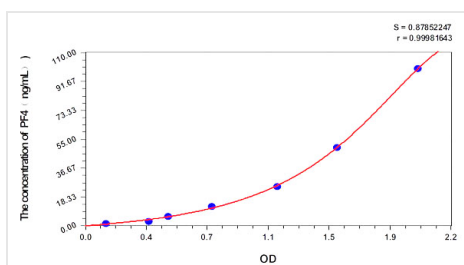
PRODUCT SYNONYMS

PF4 (Platelet Factor 4); Human PF4 (Platelet Factor 4) ELISA Kit; CXCL4; SCYB4; Chemokine C-X-C-Motif Ligand 4; Oncostatin-A; Iroplact; PF4 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Assay Type	Sandwich
Samples	Serum, platelet-poor plasma and cell culture supernates
Detection Range	15.63-1000ng/mL
Sensitivity	6.5ng/mL

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PF4 elisa kit

Test Principle: The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Human PF4. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human PF4. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain Human PF4, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of Human PF4 in the samples is then determined by comparing the OD of the samples to the standard curve.

Product Categories/Family for PF4 elisa kit

Cytokine; Hematology

NCBI AND UNIPROT INFORMATION

NCBI GI #	4505733
NCBI GeneID	5196
NCBI Accession #	NP_002610.1

NCBI GenBank Nucleotide #	NM_002619.3
UniProt Accession #	P02776 ; Q53X61 ; Q9UC64 ; Q9UC65
Molecular Weight	10,845 Da
NCBI Official Full Name	platelet factor 4
NCBI Official Synonym Full Names	platelet factor 4
NCBI Official Symbol	PF4
NCBI Official Synonym Symbols	PF-4; CXCL4; SCYB4
NCBI Protein Information	platelet factor 4; iroplact; oncostatin-A; C-X-C motif chemokine 4; chemokine (C-X-C motif) ligand 4
UniProt Protein Name	Platelet factor 4
UniProt Gene Name	PF4
UniProt Synonym Gene Names	CXCL4; SCYB4; PF-4
UniProt Entry Name	PLF4_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.

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Online datasheet: <https://www.aaabiotech.com/human-elisa-kits/pf4-platelet-factor-4/278068>