

Human Platelet Factor 4 ELISA Kit | Anti-PF4 elisa kit

Human Platelet Factor 4 (Anti-PF4) (Competitive ELISA) Anti-antigen ELISA Kit

CATALOG #
AAA189894

REACTIVITY
Human

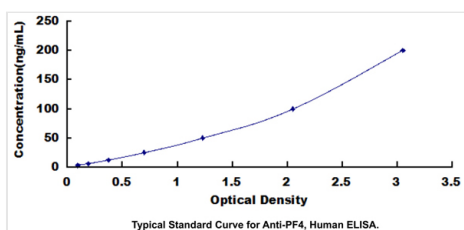
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Anti-PF4. No significant cross-reactivity or interference between Anti-PF4 and analogues was observed.
Samples	Human serum, plasma and other biological fluids
Detection Range	3.12-200ng/mL
Sensitivity	< 1.27ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level Anti-PF4 were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level Anti-PF4 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	4 degree C for 1 month/ -20 degree C for long-term(within shelf life). Shelf life is one year

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Anti-PF4 elisa kit

Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with PF4. Standards or samples are then added to the appropriate microtiter plate wells with a Horseradish Peroxidase (HRP)-conjugated secondary antibody. After TMB substrate solution is added, those wells that contain Anti-PF4 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 Anti-PF4 in the samples is then determined by comparing the O.D. of the samples to the standard curve.

Intended Uses: The kit is an enzyme immunoassay for in vitro quantitative measurement of Anti-PF4 in human serum, plasma and other biological fluids.

Product Categories/Family for Anti-PF4 elisa kit

Cytokine

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/anti-pf4-human-elisa-kits/platelet-factor-4/189894>