

Human Platelet Factor 4 ELISA Kit | PF-4 elisa kit

Human Platelet Factor 4 (PF-4) ELISA Kit

CATALOG #
AAA55348

REACTIVITY
Human

PRODUCT SYNONYMS

Platelet Factor 4; Human Platelet Factor 4 (PF-4) ELISA Kit; PF-4 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human PF-4. No significant cross-reactivity or interference between Human PF-4 and analogues was observed.
Sequence Length	101
Samples	Serum, Plasma, Other biological fluids
Assay Type	Sandwich
Sample Volume	1-200 uL
Precision	Intra-assay Precision (Precision within an assay) Three samples of known concentration were tested twenty times on one plate to assess intra-assay precision. Inter-assay Precision (Precision between assays) Three samples of known concentration were tested in forty separate assays to assess inter-assay precision. CV (%) = SD/meanX100 Intra-Assay: CV Inter-Assay: CV
Detection Wavelength	450 nm
Preparation and Storage	Store at 2-8 degree C.

ADDITIONAL INFORMATION

Related Product Information for PF-4 elisa kit	Principle of the Assay: This assay employs a two-site sandwich ELISA to quantitate PF-4 in samples. An antibody specific for PF-4 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and anyPF-4 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for PF-4 is added to the wells. After washing, Streptavidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of PF-4 bound in the initial step. The color development is stopped and the intensity of the color is measured.
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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
UniProt Protein Name	Platelet factor 4
UniProt Gene Name	PF4
UniProt Synonym Gene Names	CXCL4; SCYB4; PF-4

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/pf-4-human-elisa-kits/platelet-factor-4/55348>