

Human platelet factor 4 variant 1 ELISA Kit | PF4V1 elisa kit

Human Platelet factor 4 variant, PF4V1 ELISA Kit

CATALOG #
AAA18204

REACTIVITY
Human

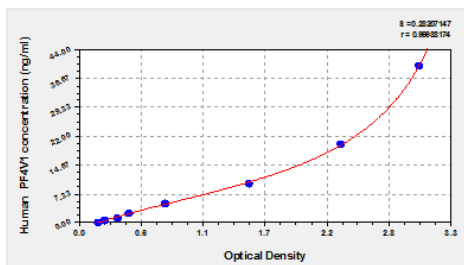
PRODUCT SYNONYMS

platelet factor 4 variant 1; Human Platelet factor 4 variant; PF4V1 ELISA Kit; Human Platelet factor 4 variant (PF4V1) ELISA kit; CXCL4L1; CXCL4V1; PF4-ALT; PF4A; SCYB4V1; platelet factor 4; variant 1 (PF4-like) ; PF4V1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human PF4V1. No significant cross-reactivity or interference between human PF4V1 and analogues was observed.
Sequence Length	104
Samples	Serum, plasma, cell culture supernates, tissue homogenates.
Assay Type	Sandwich
Detection Range	0.625 ng/ml -40 ng/ml.
Sensitivity	0.156 ng /ml.
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PF4V1 elisa kit	Principle of the Assay This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for PF4V1 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any PF4V1 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for PF4V1 is added to the wells. After washing, avidin 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 PF4V1 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 #	4505735
NCBI GeneID	5197
NCBI Accession #	NP_002611.1
NCBI GenBank Nucleotide #	NM_002620.2
UniProt Accession #	P10720; A1L4S0
Molecular Weight	11,553 Da
NCBI Official Full Name	platelet factor 4 variant
NCBI Official Synonym Full Names	platelet factor 4 variant 1
NCBI Official Symbol	PF4V1
NCBI Official Synonym Symbols	PF4A; CXCL4L1; CXCL4V1; PF4-ALT; SCYB4V1
NCBI Protein Information	platelet factor 4 variant; PF4alt; PF4var1; C-X-C motif chemokine 4; platelet factor 4, variant 1 (PF4-like)
UniProt Protein Name	Platelet factor 4 variant
UniProt Gene Name	PF4V1
UniProt Synonym Gene Names	CXCL4V1; SCYB4V1
UniProt Entry Name	PF4V_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://stage.aaabiotech.com/pf4v1-human-elisa-kits/platelet-factor-4-variant-1/18204>