

Human PF4V1 ELISA Kit | PF4V1 elisa kit

Human PF4V1 (Platelet Factor 4 Variant 1) ELISA Kit

CATALOG #
AAA21655

REACTIVITY
Human

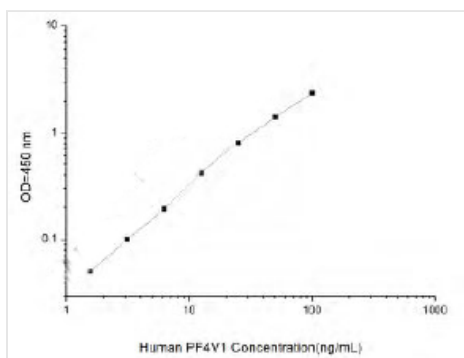
PRODUCT SYNONYMS

PF4V1; Human PF4V1 (Platelet Factor 4 Variant 1) ELISA Kit; PF4V1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This kit recognizes Human PF4V1 in samples. No significant cross-reactivity or interference between Human PF4V1 and analogues was observed.
Sequence Length	104
Samples	Serum, plasma and other biological fluids
Assay Type	Quantitative Sandwich
Detection Range	1.56-100ng/mL
Sensitivity	0.94ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, mid range and high level Human PF4V1 were tested 20 times on one plate, respectively.
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, mid range and high level Human PF4V1 were tested on 3 different plates, 20 replicates in each plate.
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PF4V1 elisa kit	Intended Uses: This ELISA kit applies to the in vitro quantitative determination of Human PF4V1 concentrations in serum, plasma and other biological fluids. Principle of the Assay: This ELISA kit uses the Sandwich-ELISA principle. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to Human PF4V1. Standards or samples are added to the micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for Human PF4V1 and Avidin-Horseradish Peroxidase (HRP) conjugate are added successively to each micro plate well and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain Human PF4V1, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of stop solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The OD value is proportional to the concentration of Human PF4V1. You can calculate the concentration of Human PF4V1 in the samples by comparing the OD of the samples to the standard curve.
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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; C-X-C motif chemokine 4; PF4alt; PF4var1; 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.