

Human PDGF-AB ELISA Kit | PDGF-AB elisa kit

Human PDGF-AB (Platelet Derived Growth Factor AB) ELISA Kit

CATALOG #
AAA165235

REACTIVITY
Human

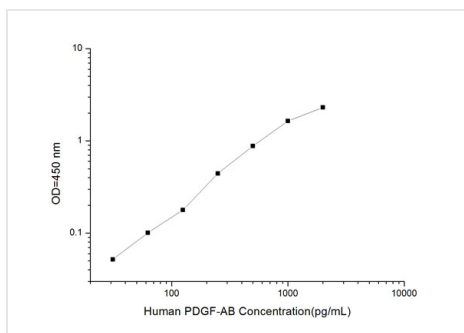
PRODUCT SYNONYMS

PDGF-AB; Human PDGF-AB (Platelet Derived Growth Factor AB) ELISA Kit; PDGF-AB elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human PDGF-AB. No significant cross-reactivity or interference between Human PDGF-AB and analogues was observed. Note: Limited by current skills and knowledge, it is impossible for us to complete the cross- reactivity detection between Human PDGF-AB and all the analogues, therefore, cross reaction may still exist.
Sequence Length	196
Samples	Serum, Plasma, Biological Fluids
Assay Type	Sandwich
Detection Range	31.25-2000pg/mL
Sensitivity	Min: 18.75pg/mL; Max: 2000pg/mL
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PDGF-AB elisa kit	Description: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of PDGF-AB in human serum, plasma and other biological fluids Principle of the Assay: This ELISA kit uses Sandwich-ELISA as the method. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to Human PDGF-AB. Standards or samples are added to the appropriate micro ELISA plate wells and bound by the specific antibody. Then a biotinylated detection antibody specific for Human PDGF-AB and Avidin-Horseradish Peroxidase (HRP) conjugate is added to each micro plate well successively and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain Human PDGF-AB, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid 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 PDGF-AB. You can calculate the concentration of Human PDGF-AB in the samples by comparing the OD of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	15208656
NCBI GeneID	5154
NCBI Accession #	NP_148983.1
NCBI GenBank Nucleotide #	NM_033023.4
UniProt Accession #	P04085; B5BU73
Molecular Weight	22,253 Da
NCBI Official Full Name	platelet-derived growth factor subunit A isoform 2 preproprotein
NCBI Official Synonym Full Names	platelet-derived growth factor alpha polypeptide
NCBI Official Symbol	PDGFA
NCBI Official Synonym Symbols	PDGF1; PDGF-A
NCBI Protein Information	platelet-derived growth factor subunit A; PDGF A-chain; PDGF subunit A; PDGF-1; platelet-derived growth factor A chain; platelet-derived growth factor alpha chain; platelet-derived growth factor alpha isoform 2 preproprotein
UniProt Protein Name	Platelet-derived growth factor subunit A
UniProt Gene Name	PDGFA
UniProt Synonym Gene Names	PDGF1; PDGF subunit A
UniProt Entry Name	PDGFA_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.