

Rat platelet-derived growth factor alpha polypeptide ELISA Kit | PDGFA elisa kit

Rat Platelet-Derived Growth Factor A, PDGF-A ELISA Kit

CATALOG #
AAA80054

REACTIVITY
Rat

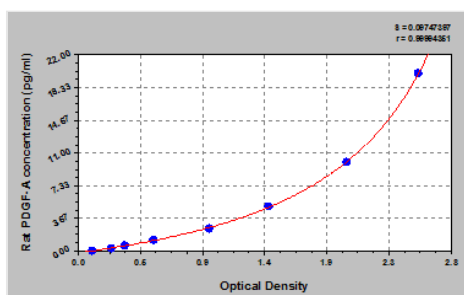
PRODUCT SYNONYMS

platelet-derived growth factor alpha polypeptide; Rat Platelet-Derived Growth Factor A; PDGF-A ELISA Kit; PDGF-A ELISA kit; PDGF-A; PDGF1; PDGF A-chain; platelet-derived growth factor alpha; platelet-derived growth factor alpha chain; platelet-derived growth factor alpha isoform 2 preproprotein; PDGFA elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of Rat PDGFA. No significant cross-reactivity or interference between Rat PDGFA and analogues was observed.
Sequence Length	213
Samples	Serum, plasma, cell culture supernates
Detection Range	125 pg/ml-8000 pg/ml
Sensitivity	31.25 pg/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV% is less than 8% Three samples of known concentration were tested twenty times on one plate to assess. Inter-assay Precision (Precision between assays): CV% is less than 10% Three samples of known concentration were tested in twenty assays to assess.
Detection Wavelength	450 nm
Sample Volume	50-100ul
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 PDGFA elisa kit	Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to PDGF-A. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific for PDGF-A and Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB (3,3',5,5' tetramethyl-benzidine) substrate solution is added to each well. Only those wells that contain PDGF-A, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of PDGF-A in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	464354
UniProt Accession #	P34007
Molecular Weight	24,005 Da
NCBI Official Full Name	Platelet-derived growth factor subunit A
UniProt Protein Name	Platelet-derived growth factor subunit A
UniProt Gene Name	PDGFA
UniProt Synonym Gene Names	PDGF subunit A
UniProt Entry Name	PDGFA_RABIT

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/pdgfa-rat-elisa-kits/platelet-derived-growth-factor-alpha-polypeptide/80054>