

Human Platelet Derived Growth Factor Receptor Alpha (PDGFRa) RTU ELISA Kit | PDGFRa rtu elisa kit

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CATALOG #
AAA217706

REACTIVITY
Human

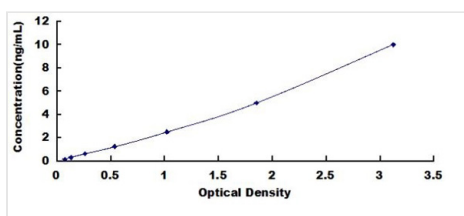
PRODUCT SYNONYMS

Platelet Derived Growth Factor Receptor Alpha (PDGFRa); Human Platelet Derived Growth Factor Receptor Alpha (PDGFRa) ELISA Kit; CD140a; PDGFR2; Rhes-PDGFRa; CD140 antigen-like family member A; Platelet-derived growth factor receptor 2; Alpha-type platelet-derived growth factor receptor; PDGFRa rtu elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	1089
Assay Type	Sandwich
Samples	Tissue Homogenates, Cell Lysates or Other Biological Fluids.
Detection Range	0.156-10ng/mL
Sensitivity	0.060ng/mL
RTU ELISA Kit's Advantage	The Ready-To-Use (RTU) Kits require fewer steps in setup and take less time to run. Detection Solutions are pre-diluted and total incubation time is shorter than many other ELISA Kits.
Preparation and Storage	For unopened kits: All the reagents should be kept at 4 degree C upon receipt. For opened kits: Once the kit is opened, the remaining reagents still need to be stored according to the above storage conditions. In addition, return the unused wells to the foil pouch containing the desiccant pack and reseal along entire edge of zip-seal.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PDGFRa rtu elisa kit

Test Principle: The microtiter plate provided in this kit has been pre-coated with an antibody specific to PDGFRa. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to PDGFRa. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain PDGFRa, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm $\pm$ 10nm. The concentration of PDGFRa in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	1115538446
NCBI GeneID	5156
NCBI Accession #	NP_001334758.1
NCBI GenBank Nucleotide #	NM_001347829.1
UniProt Accession #	P16234; Q6P4H5; Q96KZ7; Q9UD28; B2RE69; E9PBH0
Molecular Weight	82,809 Da
NCBI Official Full Name	platelet-derived growth factor receptor alpha isoform 1
NCBI Official Synonym Full Names	platelet derived growth factor receptor alpha
NCBI Official Symbol	PDGFRA
NCBI Official Synonym Symbols	CD140A; PDGFR2; PDGFR-2
NCBI Protein Information	platelet-derived growth factor receptor alpha
UniProt Protein Name	Platelet-derived growth factor receptor alpha
UniProt Gene Name	PDGFRA
UniProt Synonym Gene Names	PDGFR2; RHEPDGFRA; PDGF-R-alpha; PDGFR-alpha; PDGFR-2

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/human-rtu-elisa-kits/platelet-derived-growth-factor-receptor-alpha-pdgfra/217706>