

Human PDGFRA ELISA Kit | PDGFRA elisa kit

Human PDGFRA ELISA Kit PicoKine

CATALOG # AAA128016	REACTIVITY Human	APPLICATIONS ELISA
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PRODUCT SYNONYMS

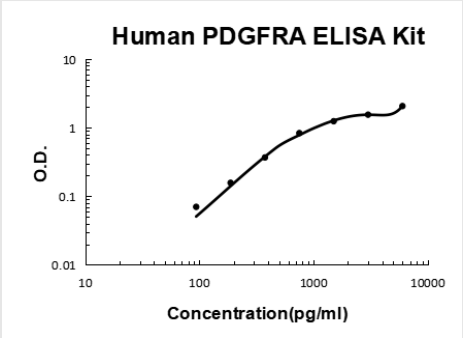
PDGFRA; Human PDGFRA ELISA Kit PicoKine; PDGFRA elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	cell culture supernatants, serum and plasma (heparin, EDTA)
Assay Range	93.7pg/ml-6,000pg/ml
Sensitivity	<45pg/ml
Capture antibody and Detection antibody	polyclonal antibody from goat polyclonal antibody from goat
Immunogen	Expression system for standard: NS0; Immunogen sequence: Q24-E524
Anticoagulant	heparin or EDTA
Cross Reactivity	There is no detectable cross-reactivity with other relevant proteins.
Applicable Applications for PDGFRA elisa kit	ELISA
Kit Components	Description/Quantity Pre-coated 96-well strip microplate/1 Standard/2 vials, 10 ng/tube Biotinylated antibody (100x)/100ul Avidin-Biotin-Peroxidase Complex (100x)/100ul Sample Diluent/30ml Antibody Diluent/12ml Avidin-Biotin-Peroxidase Diluent/12ml Color Developing Reagent (TMB)/10ml Stop Solution/10ml Wash Buffer (25x)/20ml Adhesive plate sealers/4
Materials Required But Not Provided	Microplate Reader capable of reading absorbance at 450nm. Incubator. Automated plate washer (optional). Pipettes and pipette tips capable of precisely dispensing 0.5ul through 1ml volumes of aqueous solutions. Multichannel pipettes are recommended for large amount of samples. Deionized or distilled water. 500ml graduated cylinders. Test tubes for dilution.
Sample Data	Concentration(pg/ml)093.7187.53757501,5003,0006,000O.D.0.0290.0990.1860.3970.8631.2731.5792.097
Intra Assay Consistency & Inter Assay Consistency	Intra-Assay PrecisionInter-Assay PrecisionSample123123n161616242424Mean(pg/ml)12731726631093452513Standard deviation2.6316.52154.723.7123.8779.66CV(%)2.1%5.2%5.8%3.4%6.9%3.2%

Reproducibility	LotsLot 1 (pg/ml)Lot 2 (pg/ml)Lot 3 (pg/ml)Lot 4 (pg/ml)Mean (pg/ml)Standard DeviationCV (%)Sample 1127183951421374.393.2%Sample 23172993282022879.433.3%Sample 326631607191915661939132.426.8%*number of samples for each test n=16.
Preparation and Storage	Store at 4 degree C for 6 months, at -20 degree C for 12 months. Avoid multiple freeze-thaw cycles (Ships with gel ice, can store for up to 3 days in room temperature. Freeze upon receiving.)

IMAGES



Standard Curve (Sample)
Human PDGFRA PicoKine ELISA Kit standard curve

ADDITIONAL INFORMATION

Related Product Information for PDGFRA elisa kit	The brand Picokine indicates this is a premium quality ELISA kit. Each Picokine kit delivers precise quantification, high sensitivity, and excellent reproducibility. Only our most reliable and effective kits qualify as Picokine, guaranteeing top-tier results for your assays.
Product Categories/Family for PDGFRA elisa kit	PicoKine ELISA Kits

NCBI AND UNIPROT INFORMATION

NCBI GI #	5453870
NCBI GeneID	5156
NCBI Accession #	NP_006197.1
NCBI GenBank Nucleotide #	NM_006206.4
UniProt Accession #	P16234 ; Q6P4H5 ; Q96KZ7 ; Q9UD28 ; B2RE69 ; E9PBH0
Molecular Weight	122,670 Da
NCBI Official Full Name	platelet-derived growth factor receptor alpha
NCBI Official Synonym Full Names	platelet-derived growth factor receptor, alpha polypeptide
NCBI Official Symbol	PDGFRA
NCBI Official Synonym Symbols	CD140A; PDGFR2; PDGFR-2; RHEPDGFRA
NCBI Protein Information	platelet-derived growth factor receptor alpha; PDGF-R-alpha; CD140a antigen; PDGFRA/BCR fusion; CD140 antigen-like family member A; platelet-derived growth factor receptor 2; alpha-type platelet-derived growth factor receptor; rearranged-in-hypereosinophi
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
UniProt Entry Name	PGFRA_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/human-elisa-kits/pdgfra/128016>