

PROC/Protein C ELISA Kit | PROC elisa kit

Human PROC/Protein C PicoKine ELISA Kit

CATALOG #
AAA125102

REACTIVITY
HumanThere is no detectable cross-reactivity with other relevant proteins.

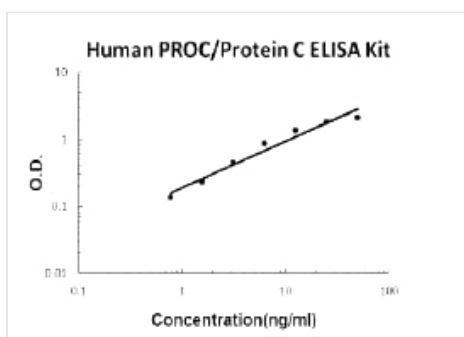
PRODUCT SYNONYMS

PROC/Protein C; Human PROC/Protein C PicoKine ELISA Kit; Human PROC/Protein C; Vitamin K-dependent protein C; Anticoagulant protein C; Autoprothrombin IIA; Blood coagulation factor XIV; Proc; Protein C; inactivator of coagulation factors Va and VIIIa; PROC elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human There is no detectable cross-reactivity with other relevant proteins.
Specificity	Natural and recombinant Human PLXNB3
Sequence Length	460
Samples	Cell Culture Supernates, Serum And Plasma(Heparin, Edta)
Detection Range	93.6pg/ml-6000pg/ml
Sensitivity	<15pg/ml
Intra-assay Precision	Intra-Assay Precision (Precision within an assay): Three samples of known concentration were tested on one plate to assess intra-assay precision
Inter-assay Precision	Inter-Assay Precision (Precision accross assays):Three samples of known concentration were tested in separate assays to assess inter-assay precision.
Preparation and Storage	Store at 4 degree C for 6 months. Store at -20 degree C for 12 months. Avoid multiple freeze-thaw cycles.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PROC elisa kit	Principle of the Assay: The Picokine Human PLXNB3 Pre-Coated ELISA (Enzyme-Linked Immunosorbent Assay) kit is a solid phase immunoassay specially designed to measure Human PLXNB3 with a 96-well strip plate that is pre-coated with antibody specific for PLXNB3. The detection antibody is a biotinylated antibody specific for PLXNB3. The capture antibody is A monoclonal antibody from mouse, the detection antibody is a biotinylated detection polyclonal antibody from goat. The kit contains recombinant Human PLXNB3 with immunogen: Expression system for standard: NSO, Immunogen sequence: H45-Q1255. The kit is analytically validated with ready to use reagents. To measure Human PLXNB3, add standards and samples to the wells, then add the biotinylated detection antibody. Wash the wells with PBS or TBS buffer, and add Avidin-Biotin-Peroxidase Complex (ABC-HRP). Wash away the unbounded ABC-HRP with PBS or TBS buffer and add TMB. TMB is substrate to HRP and will be catalyzed to produce a blue color product, which changes into yellow after adding acidic stop solution. The density of the yellow product is linearly propotional to Human PLXNB3 in the sample. Read the density of the yellow product in each well using a plate reader, and benchmark the sample wells' readings against the standard curve to determine the concentration of Human PLXNB3 in the sample!!Background/Introduction: Plexin-B3 is a protein that in humans is encoded by the PLXNB3 gene. Ths gene is mapped to Xq28. The protein encoded by this gene is a member of the plexin family. It functions as a receptor for semaphorin 5A, and plays a role in axon guidance, invasive growth and cell migration. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	112421031
NCBI GeneID	19123
NCBI Accession #	NP_001036232.1
NCBI GenBank Nucleotide #	NM_001042767.3
UniProt Accession #	P33587; O35498; Q91WN8; Q99PC6
Molecular Weight	51,818 Da
NCBI Official Full Name	vitamin K-dependent protein C isoform 2 preproprotein
NCBI Official Synonym Full Names	protein C
NCBI Official Symbol	Proc
NCBI Official Synonym Symbols	PC
NCBI Protein Information	vitamin K-dependent protein C
UniProt Protein Name	Vitamin K-dependent protein C
UniProt Gene Name	Proc

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/proc-protein-c/125102>