

Human PROC (Protein C) ELISA Kit | PROC elisa kit

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CATALOG #
AAA278199

REACTIVITY
Human

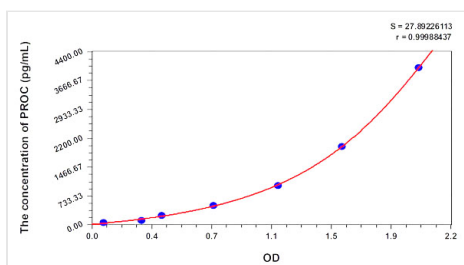
PRODUCT SYNONYMS

PROC (Protein C); Human PROC (Protein C) ELISA Kit; PRO-C; VKDPC; PC; Vitamin K Dependent Protein C; Inactivator Of Coagulation Factors Va And VIIIa; Autoprothrombin IIA; Blood coagulation factor XIV; Activation peptide; PROC elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Assay Type	Sandwich
Samples	Plasma
Detection Range	1.57-100ng/mL
Sensitivity	0.54ng/mL

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PROC elisa kit

Test Principle: The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Human PROC. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human PROC. 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 Human PROC, 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 +/- 10nm. The concentration of Human PROC in the samples is then determined by comparing the OD of the samples to the standard curve.

Product Categories/Family for PROC elisa kit

[Enzyme & Kinase](#); [Hematology](#); [Cardiovascular biology](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #	131067
NCBI GeneID	5624

UniProt Accession #	P04070; Q15189; Q15190; Q16001; Q53S74; Q9UC55; B4DPQ7
Molecular Weight	461
NCBI Official Full Name	Vitamin K-dependent protein C
NCBI Official Synonym Full Names	protein C (inactivator of coagulation factors Va and VIIIa)
NCBI Official Symbol	PROC
NCBI Official Synonym Symbols	PC; APC; PROC1; THPH3; THPH4
NCBI Protein Information	vitamin K-dependent protein C; prepro-protein C; autoprothrombin IIA; anticoagulant protein C; blood coagulation factor XIV
UniProt Protein Name	Vitamin K-dependent protein C
UniProt Gene Name	PROC
UniProt Entry Name	PROC_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://www.aaabiotech.com/human-elisa-kits/proc-protein-c/278199>