

Rat Vitamin K-dependent protein C ELISA Kit | Proc elisa kit

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CATALOG #
AAA100245

REACTIVITY
Rat

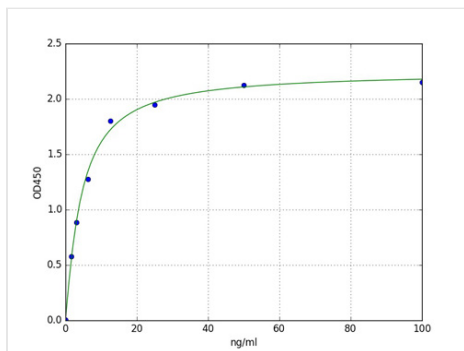
PRODUCT SYNONYMS

Vitamin K-dependent protein C; Rat Vitamin K-dependent protein C ELISA Kit; Proc (Protein C)/Coagulation Factor XIV/Vitamin K-dependent protein C/Autoprothrombin IIA/PROC/Protein C/Anticoagulant protein C/APC/Autoprothrombin IIA/Blood coagulation factor XIV/EC 3.4.21/EC 3.4.21.69/PC/PROC1/protein C (inactivator of coagulation factors Va and VIIIa)/vitamin K-dependent protein C; Proc elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	461
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	1.563-100ng/ml
Sensitivity	0.938ng/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

Results of a typical standard run of a Rat Proc ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	ng/ml	0	1.563	3.125	6.25	12.5	25	50	100
Y	OD450	0.004	0.525	0.859	1.494	1.664	1.942	1.788	2.216

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Proc elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. anti-Rat Proc antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Rat Proc antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the Rat Proc amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Rat Proc can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4506115
NCBI GeneID	5624
NCBI Accession #	NP_000303.1
NCBI GenBank Nucleotide #	NM_000312.3
Molecular Weight	57,556 Da
NCBI Official Full Name	vitamin K-dependent protein C preproprotein
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
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/proc-rat-elisa-kits/vitamin-k-dependent-protein-c/100245>