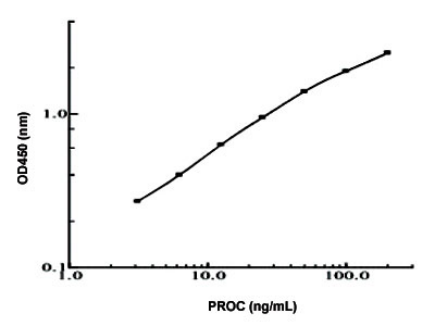
PROC (Human) ELISA Kit

Catalog # KA1840 Size 1 Kit

Applications



The standard curve is for the purpose of illustration only and should not be used to calculate unknowns. A standard curve should be generated each time the assay is performed.

Specification

Product Description	PROC (Human) ELISA Kit is a sandwich enzyme immunoassay for the quantitative measurement of human PROC.
Suitable Sample	Cell Culture Samples, Milk, Saliva and Urine
Sample Volume	50 uL
Label	Peroxidase-conjugated
Detection Method	Colorimetric
Assay Type	Quantitative
Intra-Assay	4.8%
Inter-Assay	7.3%
Spiking Recovery	98%
Calibration Range	3.125 to 200 ng/mL
Limit of Detection	2.5 ng/mL
Reactivity	Human, Monkey

Regulation Status	For research use only (RUO)
Quality Control Testing	Standard Curve The standard curve is for the purpose of illustration only and should not be used to calculate unknown s. A standard curve should be generated each time the assay is performed.
Storage Instruction	Store components of the kit at 4°C or -20°C as described in the protocol.

Applications

- Quantification

Gene Info — PROC

Entrez GeneID	5624
Gene Name	PROC
Gene Alias	PC, PROC1
Gene Description	protein C (inactivator of coagulation factors Va and VIIIa)
Omim ID	176860
Gene Ontology	Hyperlink
Gene Summary	The PROC gene encodes protein C (EC 3.4.21.69), a vitamin K-dependent plasma glycoprotein t hat is a key component of the anticoagulant system. Protein C is cleaved to its activated form, 'act ivated protein C' (APC) on endothelial cells by the thrombin-thrombomodulin complex (MIM 17693 0; MIM 188040) and then acts as a serine protease to degrade the activated forms of coagulation factors V (F5; MIM 612309) and VIII (F8; see MIM 306700). Protein S (PROS1; MIM 176880), als o a vitamin K-dependent plasma protein, functions as a cofactor to activated protein C.[supplied by OMIM
Other Designations	-

Pathway

- Complement and coagulation cascades

Disease

- Acute Disease
- Cadaver
- Cardiovascular Diseases
- Chorioamnionitis
- Coronary Artery Disease
- Coronary Disease
- Diabetes Mellitus
- Edema
- Fetal Membranes
- Genetic Predisposition to Disease
- Inflammation
- Kidney Failure
- Meningococcal Infections
- Multiple Organ Failure
- Obstetric Labor
- Postoperative Complications
- Pre-Eclampsia
- Pregnancy Complications
- Premature Birth
- Protein C Deficiency
- Sepsis
- Stroke
- Thrombophilia
- Thrombosis
- Vascular Diseases
- Venous Thrombosis