

Human EPCR ELISA Kit | PROCR elisa kit

Human EPCR PicoKine ELISA Kit

CATALOG #
AAA45840

REACTIVITY
Human

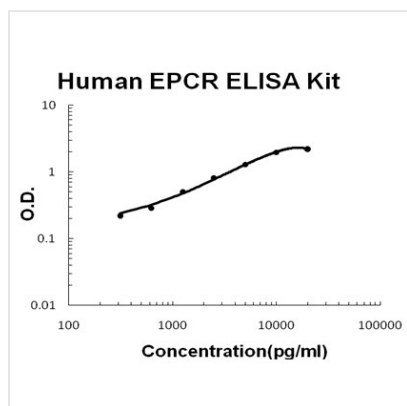
PRODUCT SYNONYMS

EPCR; Human EPCR PicoKine ELISA Kit; Endothelial protein C receptor; protein C receptor; endothelial; Activated protein C receptor; APC receptor; APCR; bA42O4.2; CCCA; CCD41; CD201; CD201 antigen; cell cycle; centrosome-associated protein; Cell cycle; centrocyclin; Endothelial cell protein C receptor; EPCR_HUMAN; MGC23024; PROCR; Protein C receptor; PROCR elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Natural and recombinant human EPCR
Sequence Length	238
Samples	Cell culture supernates, serum and plasma (heparin, EDTA)
Assay Type	Sandwich
Detection Range	312pg/ml-20,000pg/ml
Sensitivity	< 10pg/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 between 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, at -20 degree C for 12 months. Avoid multiple freeze-thaw cycles (Shipped with wet ice.)

IMAGES



Standard Curve (Sample)

Human EPCR PicoKine ELISA Kit standard curve

ADDITIONAL INFORMATION

Related Product Information for PROCR elisa kit	Principle of the assay: human EPCR ELISA Kit was based on standard sandwich enzyme-linked immune-sorbent assay technology. A monoclonal antibody from mouse specific for EPCR has been precoated onto 96-well plates. Standards(NSO, S18-S210) and test samples are added to the wells, a biotinylated detection polyclonal antibody from goat specific for EPCR is added subsequently and then followed by washing with PBS or TBS buffer. Avidin-Biotin-Peroxidase Complex was added and unbound conjugates were washed away with PBS or TBS buffer. HRP substrate TMB was 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 human EPCR amount of sample captured in plate. Background: Endothelial protein C receptor (EPCR) also known as CCCA or PROCR is a protein that in humans is encoded by the PROCR gene. PRPCR gene is mapped to 20q11.2 by radiation hybrid analysis and FISH. The protein encoded by this gene is a receptor for activated protein C, a serine protease activated by and involved in the blood coagulation pathway. The encoded protein is an N-glycosylated type I membrane protein that enhances the activation of protein C. Mutations in this gene have been associated with venous thromboembolism and myocardial infarction, as well as with late fetal loss during pregnancy.
---	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	13626550
NCBI GeneID	10544
UniProt Accession #	Q9UNN8; Q14218; Q6IB56; Q96CB3; Q9ULX1; B2RC04
Molecular Weight	26,671 Da
NCBI Official Full Name	Endothelial protein C receptor
NCBI Official Synonym Full Names	protein C receptor, endothelial
NCBI Official Symbol	PROCR
NCBI Official Synonym Symbols	CCCA; EPCR; CCD41
NCBI Protein Information	endothelial protein C receptor; APC receptor; centrocyclin; CD201 antigen; activated protein C receptor; cell cycle, centrosome-associated protein
UniProt Protein Name	Endothelial protein C receptor
UniProt Gene Name	PROCR
UniProt Synonym Gene Names	EPCR; APC receptor
UniProt Entry Name	EPCR_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/procr-human-elisa-kits/epcr/45840>