

Mouse EPCR ELISA Kit | PROCR elisa kit

Mouse EPCR PicoKine ELISA Kit

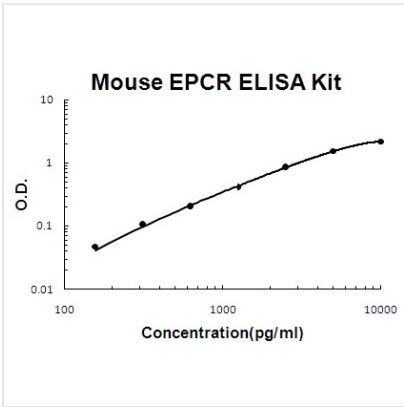
CATALOG # AAA46771	REACTIVITY Mouse
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PRODUCT SYNONYMS

EPCR; Mouse EPCR PicoKine ELISA Kit; CD201; PROCR; Q9UNN8; Endothelial protein C receptor; protein C receptor; endothelial; PROCR elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	Natural and recombinant mouse EPCR
Sequence Length	242
Assay Range	156pg/ml-10000pg/ml
Sensitivity	<15pg/ml
Anticoagulant	heparin or EDTA
TMB incubation time	15-20
Immunogen	NSO, L18-S214
Sample Data	Concentration(pg/ml): 0 156 312 625 1250 2500 5000 10000 O.D.: 0.007 0.046 0.105 0.205 0.408 0.855 1.506 2.148
Intra/Inter Assay Precision	Sample: 1 2 3 1 2 3 n: 16 16 16 24 24 24 Mean(pg/ml): 453 1347 6001 501 1589 6425 Standard Deviation: 19.93 71.39 408.07 34.57 119.18 526.85 CV(%): 4.4 5.3 6.8 6.9 7.5 8.2
Assay Procedure Step 1	Aliquot 0.1ml per well of the 10000pg/ml, 5000pg/ml, 2500pg/ml, 1250pg/ml, 625pg/ml, 312pg/ml, 156pg/ml mouse EPCR standard solutions into the precoated 96-well plate. Add 0.1ml of the sample diluent buffer into the control well (Zero well). Add 0.1ml of each properly diluted sample of mouse cell culture supernates, serum or plasma(heparin, EDTA) to each empty well. It is recommended that each mouse EPCR standard solution and each sample be measured in duplicate.
Preparation and Storage	Store at 4 degree C for 6 months, at -20 degree C for 12 months. Avoid multiple freeze-thaw cycles.



Standard Curve (Sample)
Mouse EPCR PicoKine ELISA Kit standard curve

ADDITIONAL INFORMATION

Related Product Information for PROCR elisa kit	For quantitative detection of activated mouse EPCR in cell culture supernates, cell lysates, tissue homogenates, serum and plasma (heparin, EDTA). 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. Principle: Mouse EPCR ELISA Kit was based on standard sandwich enzyme-linked immune-sorbent assay technology. A monoclonal antibody from Rat specific for EPCR has been precoated onto 96-well plates. Standards(Expression system for standard: NSO, Immunogen sequence: L18-S214) 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 Mouse EPCR amount of sample captured in plate.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	251823822
NCBI GeneID	19124
NCBI Accession #	NP_035301.2
NCBI GenBank Nucleotide #	NM_011171.2
UniProt Accession #	Q64695; Q4FK76; Q9WV33
Molecular Weight	27,189 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; AI325044
NCBI Protein Information	endothelial protein C receptor
UniProt Protein Name	Endothelial protein C receptor
UniProt Gene Name	Procr

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/procr-mouse-elisa-kits/epcr/46771>