

Mouse Soluble endothelial protein C receptor (sEPCR) ELISA Kit | sEPCR elisa kit

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CATALOG #
AAA190407

REACTIVITY
Mouse

PRODUCT SYNONYMS

Soluble endothelial protein C receptor (sEPCR); Mouse Soluble endothelial protein C receptor (sEPCR) ELISA Kit; CCCA; CCD41; CD201; EPCR; MGC23024; bA42O4.2; APC receptor|CD201 antigen|OTTHUMP00000030729|activated protein C receptor|cell cycle; centrosome-associated protein|centrocyclin|endothelial protein C; sEPCR elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of Mouse PROCR. No significant cross-reactivity or interference between Mouse PROCR and analogues was observed.
Assay Type	Quantitive Sandwich
Samples	Serum, Plasma, Other biological fluids
Detection Range	0.31-20ng/mL
Sensitivity	0.156ng/mL
Detection Wavelength	450nm
Assay Duration	1-4.5h
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Sample Volume	1-200uL
Precision	Intra-assay Precision (Precision within an assay) Three samples of known concentration were tested twenty times on one plate to assess intra-assay precision. Inter-assay Precision (Precision between assays) Three samples of known concentration were tested in forty separate assays to assess inter-assay precision. CV (%) = SD/meanX100 Intra-Assay: CV
Test Principle	This assay employs a two-site sandwich ELISA to quantitate PROCR in samples. An antibody specific for PROCR has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any PROCR present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for PROCR is added to the wells. After washing, Streptavidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of PROCR bound in the initial step. The color development is stopped and the intensity of the color is measured.
Preparation and Storage	Store at 2-8 degree C. Please refer to Instruction Manual.

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
UniProt Synonym Gene Names	Epcr; APC receptor

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/mouse-elisa-kits/soluble-endothelial-protein-c-receptor-sepcr/190407>