

Rat Endothelial Protein C Receptor ELISA Kit | EPCR elisa kit

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CATALOG #
AAA97898

REACTIVITY
Rat

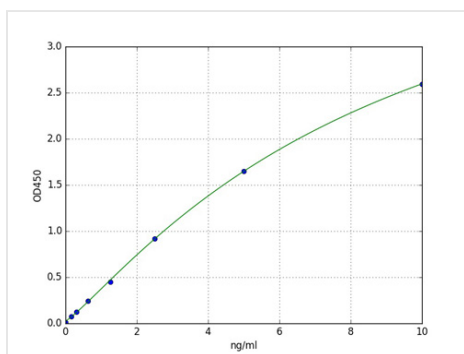
PRODUCT SYNONYMS

Endothelial Protein C Receptor; Rat Endothelial Protein C Receptor ELISA Kit; EPCR/CCD41/CD201/PROCR/APC receptor/CCCA/CCD41centrosome-associated protein/CD201 antigen/centrocyclin/Endothelial cell protein C receptor/endothelial protein C receptor/EPCR/MGC23024/protein C receptor; endothelial; EPCR elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	238
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.156-10ng/ml
Sensitivity	0.094ng/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)

Typical Data & Standard Curve

Results of a typical standard run of a Rat EPCR 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	0.156	0.313	0.625	1.25	2.5	5	10
Y	OD450	0.031	0.053	0.080	0.139	0.260	0.785	1.834	2.644

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for EPCR elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. anti-Rat EPCR antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Rat EPCR 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 EPCR amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Rat EPCR can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	34335272
NCBI GeneID	10544
NCBI Accession #	NP_006395.2
NCBI GenBank Nucleotide #	NM_006404.4
Molecular Weight	26,671 Da
NCBI Official Full Name	endothelial protein C receptor
NCBI Official Synonym Full Names	protein C receptor
NCBI Official Symbol	PROCR
NCBI Official Synonym Symbols	CCCA; EPCR; CCD41
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
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.

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Online datasheet: <https://stage.aaabiotech.com/ePCR-rat-elisa-kits/endothelial-protein-c-receptor/97898>