

Mouse Endothelial Protein C Receptor ELISA Kit | EPCR elisa kit

Mouse Endothelial Protein C Receptor ELISA Kit

CATALOG #
AAA247341

REACTIVITY
Mouse

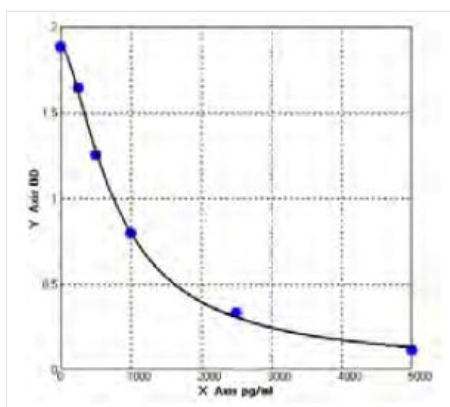
PRODUCT SYNONYMS

Endothelial Protein C Receptor; Mouse Endothelial Protein C Receptor ELISA Kit; EPCR elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of EPROCR. No significant cross-reactivity or interference between EPROCR and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between EPROCR and all the analogues, therefore, cross reaction may still exist in some cases.
Sequence Length	238
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Assay Type	Quantitative Competitive
Sensitivity	1.0 pg/mL
Preparation and Storage	Store at 2-8 degree C. The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for EPCR elisa kit	Intended Uses: This EPROCR ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Mouse EPROCR. This ELISA kit for research use only, not for therapeutic or test applications! Principle of the Assay: EPROCR ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-EPROCR antibody and an EPROCR-HRP conjugate. The assay sample and buffer are incubated together with EPROCR-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the EPROCR concentration since EPROCR from samples and EPROCR-HRP conjugate compete for the anti-EPROCR antibody binding site. Since the number of sites is limited, as more sites are occupied by EPROCR from the sample, fewer sites are left to bind EPROCR-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The EPROCR concentration in each sample is interpolated from this standard curve.
Product Categories/Family for EPCR elisa kit	Cardiovascular; Stem Cells

NCBI AND UNIPROT INFORMATION

NCBI GI #	34335272
NCBI GeneID	10544
NCBI Accession #	NP_006395.2
NCBI GenBank Nucleotide #	NM_006404.5
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
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

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/epcr-mouse-elisa-kits/endothelial-protein-c-receptor/247341>