

Mouse CD201 ELISA Kit | PROCR elisa kit

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CATALOG #
AAA263137

REACTIVITY
Mouse

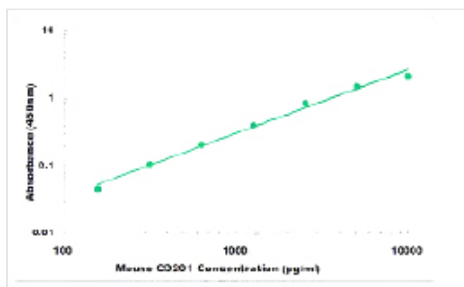
PRODUCT SYNONYMS

CD201; Mouse CD201 ELISA Kit; EPCR; Endothelial protein C receptor; Activated protein C receptor; APC receptor; Endothelial cell protein C receptor; PROCR elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	The Mouse CD201 ELISA Kit allows for the detection and quantification of endogenous levels of natural and/or recombinant Mouse CD201 proteins within the range of 156 pg/ml - 10000 pg/ml.
Sequence Length	242
Samples	Cell Culture Supernates, Serum, Plasma
Sensitivity	<15 pg/ml
Preparation and Storage	Shipped and store at 4 degree C for 6 months, store at -20 degree C for one year. Avoid freeze/thaw cycles.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PROCR elisa kit

Principle of the Assay: The Mouse CD201 ELISA (Enzyme-Linked Immunosorbent Assay) kit is an in vitro enzyme-linked immunosorbent assay for the quantitative measurement of Mouse CD201 in Cell Culture Supernates, Serum, Plasma. This assay employs an antibody specific for Mouse CD201 coated on a 96-well plate. Standards and samples are pipetted into the wells and CD201 present in a sample is bound to the wells by the immobilized antibody. The wells are washed and biotinylated anti-Mouse CD201 antibody is added. After washing away unbound biotinylated antibody, HRP-conjugated streptavidin is pipetted to the wells. The wells are again washed, a TMB substrate solution is added to the wells and color develops in proportion to the amount of CD201 bound. The Stop Solution changes the color from blue to yellow, and the intensity of the color is measured at 450 nm.

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 #	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
UniProt Entry Name	EPCR_MOUSE

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/cd201/263137>