

Bovine Protein C Receptor, Endothelial (PROCR) ELISA Kit | PROCR elisa kit

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CATALOG #
AAA68236

REACTIVITY
Bovine

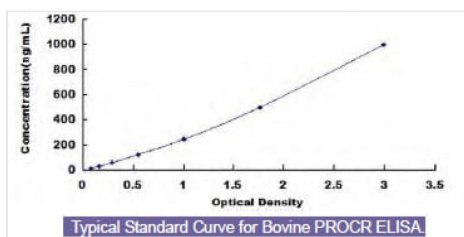
PRODUCT SYNONYMS

Protein C Receptor; Endothelial (PROCR); Bovine Protein C Receptor; Endothelial (PROCR) ELISA Kit; PROCR elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Bovine
Specificity	This assay has high sensitivity and excellent specificity for detection of PROCR. No significant cross-reactivity or interference between PROCR and analogues was observed.
Sequence Length	241
Samples	Serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids.
Assay Type	Sandwich
Detection Range	15.625-1000ng/mL
Sensitivity	3.9ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level PROCR were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level PROCR were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PROCR elisa kit	Intended Uses: This kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of PROCR in bovine serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to PROCR. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to PROCR. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain PROCR, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of PROCR in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	27806093
NCBI GeneID	282005
NCBI Accession #	NP_776862.1
NCBI GenBank Nucleotide #	NM_174437.1
UniProt Accession #	Q28105; Q1LZD2
Molecular Weight	27,010 Da
NCBI Official Full Name	endothelial protein C receptor
NCBI Official Symbol	PROCR
NCBI Official Synonym Symbols	EPCR
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://stage.aaabiotech.com/bovine-ovine-elisa-kits/protein-c-receptor-endothelial-procr/68236>