

Canine Protein C Receptor, Endothelial ELISA Kit | PROCR elisa kit

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CATALOG #
AAA89704

REACTIVITY
Canine

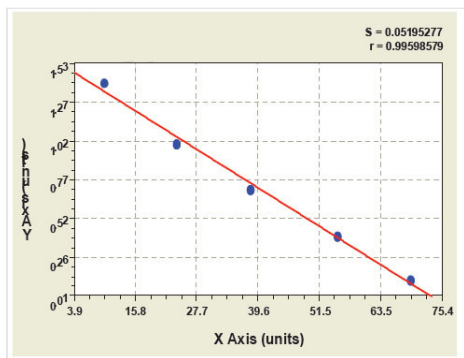
PRODUCT SYNONYMS

Protein C Receptor; Endothelial; Canine Protein C Receptor; Endothelial ELISA Kit; PROCR elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Canine
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	250-5000pg/mL
Sensitivity	1.0pg/mL
Intended Uses	This PROCR ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Canine PROCR. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PROCR elisa kit

Principle of the Assay: PROCR ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-PROCR antibody and an PROCR-HRP conjugate. The assay sample and buffer are incubated together with PROCR-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 PROCR concentration since PROCR from samples and PROCR-HRP conjugate compete for the anti-PROCR antibody binding site. Since the number of sites is limited, as more sites are occupied by PROCR from the sample, fewer sites are left to bind PROCR-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The PROCR concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	48146013
UniProt Accession #	Q9UNN8; Q14218; Q6IB56; Q96CB3; Q9ULX1; B2RC04
Molecular Weight	26,671 Da
NCBI Official Full Name	PROCR
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/procr-canine-elisa-kits/protein-c-receptor-endothelial/89704>