

Goat Protein C ELISA Kit | ProC elisa kit

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CATALOG #
AAA89010

REACTIVITY
Goat

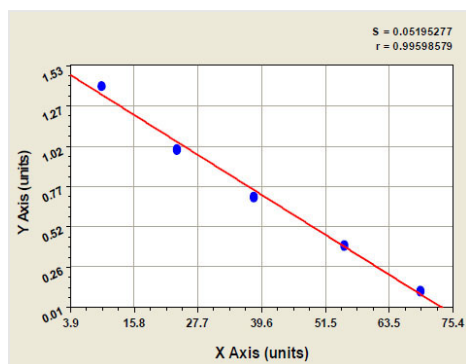
PRODUCT SYNONYMS

Protein C; Goat Protein C ELISA Kit; ProC elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Goat
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	0.1 ng/mL.
Intended Uses	This PROC ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Goat PROC. 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 C)

ADDITIONAL INFORMATION

Related Product Information for ProC elisa kit

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

Product Categories/Family for ProC elisa kit

Cardiovascular

NCBI AND UNIPROT INFORMATION

NCBI GI #	147829653
NCBI GeneID	5173415
UniProt Accession #	A5CND2
Molecular Weight	29,801 Da
NCBI Official Full Name	proC
NCBI Official Symbol	proC
NCBI Protein Information	proC; hypothetical protein
UniProt Protein Name	Pyrroline-5-carboxylate reductase
UniProt Gene Name	proC
UniProt Entry Name	A5CND2_CLAM3

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/proc-goat-elisa-kits/protein-c/89010>