

Human Protein C ELISA Kit | ProC elisa kit

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CATALOG #
AAA87449

REACTIVITY
Human

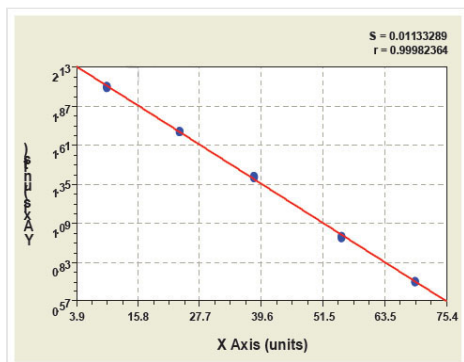
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	5.0-100ug/mL
Sensitivity	1.0ug/mL
Intended Uses	This ProC ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human 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)

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.

NCBI AND UNIPROT INFORMATION

NCBI GI #	147829653
NCBI GeneID	5173415
NCBI Official Full Name	proC
NCBI Official Symbol	proC
NCBI Protein Information	proC; hypothetical protein

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-human-elisa-kits/protein-c/87449>