

Rabbit Protein C ELISA Kit | Protein C elisa kit

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CATALOG #
AAA83553

REACTIVITY
Rabbit

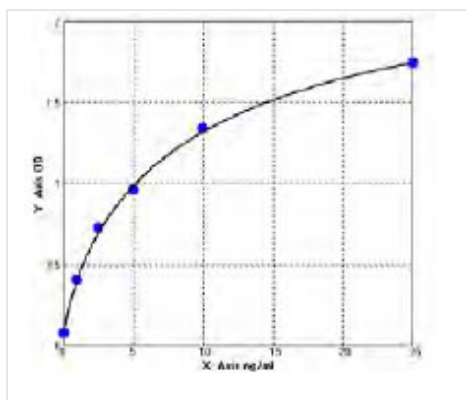
PRODUCT SYNONYMS

Protein C; Rabbit Protein C ELISA Kit; Rabbit Protein C (Protein C) ELISA Kit; Protein C (Rabbit); Protein C elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rabbit
Samples	Serum, Plasma, Cell Culture Supernatants, Body Fluid And Tissue Homogenate
Assay Type	Quantitative Competitive
Sensitivity	1.0 ng/mL.
Preparation and Storage	Store all reagents at 2-8 degree C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Protein C elisa kit

Intended Uses: This PRL ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Rat PRL. This ELISA kit for research use only!

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

NCBI AND UNIPROT INFORMATION

NCBI GI #	265668
NCBI GeneID	5624
UniProt Accession #	P04070; Q15189; Q15190; Q16001; Q53S74; Q9UC55; Q6SPC0; Q6V7X8; Q6V7X9; Q8IXB4; Q8IXB5; Q8IXB6; Q8IXB7; Q8J002; Q8J003
Molecular Weight	52,071 Da
NCBI Official Full Name	protein C
NCBI Official Synonym Full Names	protein C (inactivator of coagulation factors Va and VIIIa)
NCBI Official Symbol	PROC
NCBI Official Synonym Symbols	PC; APC; PROC1
NCBI Protein Information	vitamin K-dependent protein C; OTTHUMP00000162263; OTTHUMP00000203820; OTTHUMP00000203827; autoprothrombin IIA; anticoagulant protein C; blood coagulation factor XIV
UniProt Protein Name	Vitamin K-dependent protein C
UniProt Gene Name	PROC
UniProt Entry Name	PROC_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.