

Rabbit Activated protein C ELISA Kit | APC elisa kit

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CATALOG #
AAA16309

REACTIVITY
Rabbit

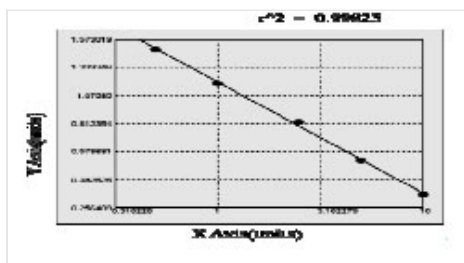
PRODUCT SYNONYMS

Activated protein C; Rabbit Activated protein C ELISA Kit; APC elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rabbit
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	25-500pg/mL
Sensitivity	1.0pg/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for APC elisa kit

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

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

Product Categories/Family for APC elisa kit

Cardiovascular

NCBI AND UNIPROT INFORMATION

NCBI GI #	53759122
NCBI GeneID	324
NCBI Accession #	NP_000029.2
NCBI GenBank Nucleotide #	NM_000038.5
Molecular Weight	300,439 Da
NCBI Official Full Name	adenomatous polyposis coli protein isoform b
NCBI Official Synonym Full Names	adenomatous polyposis coli
NCBI Official Symbol	APC
NCBI Official Synonym Symbols	GS; DP2; DP3; BTPS2; DP2.5; PPP1R46
NCBI Protein Information	adenomatous polyposis coli protein; deleted in polyposis 2.5; adenomatosis polyposis coli tumor suppressor; protein phosphatase 1, regulatory subunit 46
UniProt Protein Name	Adenomatous polyposis coli protein
UniProt Gene Name	APC
UniProt Synonym Gene Names	DP2.5; Protein APC
UniProt Entry Name	APC_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/apc-rabbit-elisa-kits/activated-protein-c/16309>