

Porcine Activated protein C (APC) ELISA Kit | APC elisa kit

Pig Activated protein C (APC) ELISA Kit

CATALOG # AAA56030	REACTIVITY Porcine
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PRODUCT SYNONYMS

Activated protein C (APC); Pig Activated protein C (APC) ELISA Kit; BTPS2; DP2; DP2.5; DP3; GS; adenomatosis polyposis coli tumor suppressor; APC elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Porcine
Specificity	This assay has high sensitivity and excellent specificity for detection of Pig APC. No significant cross-reactivity or interference between Pig APC and analogues was observed.
Sequence Length	2843
Samples	Serum, plasma and other biological fluids
Assay Type	Quantitative Sandwich
Detection Range	31.25 pg/mL - 2000 pg/mL
Sensitivity	20.8 pg/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay) Three samples of known concentration were tested twenty times on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-assay Precision (Precision between assays) Three samples of known concentration were tested in forty separate assays to assess inter-assay precision. CV (%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	Store at 2-8 degree C.

ADDITIONAL INFORMATION

Related Product Information for APC elisa kit	Intended Uses: For the quantitative detection of Pig Activated protein C (APC) concentration in serum, plasma and other biological fluids. Principle of the Assay: This assay employs a two-site sandwich ELISA to quantitate APC in Pig serum, plasma. An antibody specific for APC has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any APC present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for APC is added to the wells. After washing, Streptavidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of APC bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	182397
NCBI GeneID	324
Molecular Weight	308,734 Da
NCBI Official Full Name	APC
NCBI Official Synonym Full Names	APC, WNT signaling pathway regulator

NCBI Official Symbol	APC
NCBI Official Synonym Symbols	GS; DP2; DP3; BTPS2; DP2.5; PPP1R46
NCBI Protein Information	adenomatous polyposis coli protein
UniProt Protein Name	Adenomatous polyposis coli protein
UniProt Gene Name	APC
UniProt Synonym Gene Names	Protein APC

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://www.aaabiotech.com/porcine-elisa-kits/activated-protein-c-apc/56030>