

## Human activated protein C, APC ELISA Kit | APC elisa kit

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CATALOG #  
**AAA79850**

REACTIVITY  
**Human**

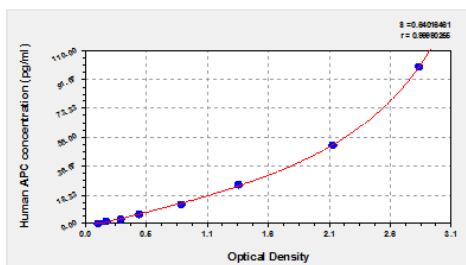
### PRODUCT SYNONYMS

activated protein C; APC; Human activated protein C; APC ELISA Kit; APC elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                   |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Human                                                                                                                             |
| Sequence Length         | 2843                                                                                                                              |
| Samples                 | Serum, plasma, tissue homogenates                                                                                                 |
| Detection Range         | 1.56 pg/ml-100 pg/ml                                                                                                              |
| Sensitivity             | 0.39 pg/ml                                                                                                                        |
| Detection Wavelength    | 450 nm                                                                                                                            |
| Sample Volume           | 50-100ul                                                                                                                          |
| Preparation and Storage | Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions. |

### IMAGES



Standard Curve (Sample)

### ADDITIONAL INFORMATION

Related Product Information for APC  
elisa kit

**Principle of the Assay:** The microtiter plate provided in this kit has been pre-coated with an antibody specific to APC. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific for APC and Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB (3,3',5,5' tetramethyl-benzidine) substrate solution is added to each well. Only those wells that contain APC, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of APC in the samples is then determined by comparing the O.D. of the samples to the standard curve.

### NCBI AND UNIPROT INFORMATION

NCBI GI #

53759122

|                                  |                                                                                                                                                          |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GeneID                      | 324                                                                                                                                                      |
| NCBI Accession #                 | NP_000029.2                                                                                                                                              |
| NCBI GenBank Nucleotide #        | NM_000038.5                                                                                                                                              |
| UniProt Accession #              | P25054; Q15162; Q15163; Q93042; D3DT03                                                                                                                   |
| 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                | <b>APC</b>                                                                                                                                               |
| 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](mailto:contact@aaabiotech.com)  
Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/activated-protein-c-apc/79850>