

## Human Activated protein C ELISA Kit | APC elisa kit

Human Activated protein C (APC) ELISA Kit

CATALOG #  
**AAA55708**

REACTIVITY  
**Human**

### PRODUCT SYNONYMS

Activated protein C; Human Activated protein C (APC) ELISA Kit; APC elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                                       |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Human                                                                                                                                                                                                 |
| Specificity             | This assay has high sensitivity and excellent specificity for detection of Human APC. No significant cross-reactivity or interference between Human APC and analogues was observed.                   |
| Assay Type              | Quantitative Sandwich                                                                                                                                                                                 |
| Samples                 | Serum, plasma and other biological fluids                                                                                                                                                             |
| Detection Range         | 3.12 pg/mL - 200 pg/mL                                                                                                                                                                                |
| Sensitivity             | 1.56 pg/mL (mean of 6 independent assays)                                                                                                                                                             |
| 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

Principle of the Assay: This assay employs a two-site sandwich ELISA to quantitate APC in Human 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.

Intended Uses: For the quantitative detection of Human Activated protein C (APC) concentration in serum, plasma and other biological fluids.

**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/apc-human-elisa-kits/activated-protein-c/55708>