

## Human Phospho AKT S473 (p-AKT) ELISA Kit | p-AKT elisa kit

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CATALOG #  
AAA277230

REACTIVITY  
Human

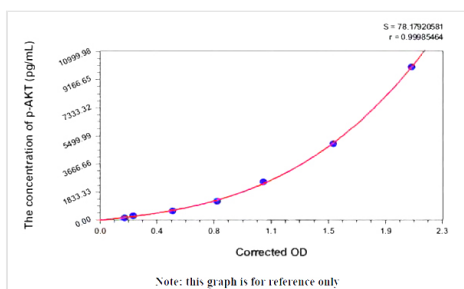
### PRODUCT SYNONYMS

Phospho AKT S473 (p-AKT); Human Phospho AKT S473 (p-AKT) ELISA Kit; p-AKT; p-AKT elisa kit

### PRODUCT SPECIFICATIONS

|                       |                                                                                                                                                                                         |
|-----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity            | Human                                                                                                                                                                                   |
| Specificity           | This assay has high sensitivity and excellent specificity for detection of Human p-AKT. No significant cross-reactivity or interference between Human p-AKT and analogues was observed. |
| Assay Type            | Sandwich                                                                                                                                                                                |
| Detection Range       | 156.25-10000 pg/mL                                                                                                                                                                      |
| Sensitivity           | 51.3 pg/mL                                                                                                                                                                              |
| Intra-assay Precision | Intra-assay Precision (Precision within an assay)?CV% < 8%. Three samples of known concentration were tested twenty times on 1 plate to assess intra-assay precision.                   |
| Inter-assay Precision | Inter-assay Precision (precision between assays)?CV% < 10%. Three samples of known concentration were tested in forty separate assays to assess inter-assay precision.                  |

### IMAGES



Standard Curve (Sample)

### ADDITIONAL INFORMATION

#### Related Product Information for p-AKT elisa kit

**Principle of the Assay:** The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Human p-AKT. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human p-AKT. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain Human p-AKT, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm ± 10nm. The concentration of Human p-AKT in the samples is then determined by comparing the OD of the samples to the standard curve.

#### Product Categories/Family for p-AKT elisa kit

Enzyme &amp; Kinase

**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://stage.aaabiotech.com/human-elisa-kits/phospho-akt-s473-p-akt/277230>