

## Porcine CAP1 ELISA Kit | CAP1 elisa kit

Porcine CAP1 (Adenylate Cyclase Associated Protein 1) ELISA Kit

CATALOG #  
**AAA165732**

REACTIVITY  
**Porcine**

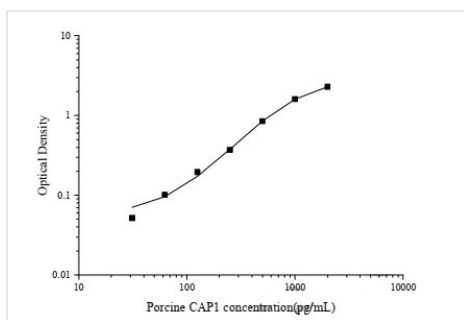
### PRODUCT SYNONYMS

CAP1; Porcine CAP1 (Adenylate Cyclase Associated Protein 1) ELISA Kit; CAP1 elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                           |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Porcine                                                                                                                                                                                   |
| Specificity             | This kit recognizes Porcine CAP1 in samples. No significant cross-reactivity or interference between Porcine CAP1 and analogues was observed                                              |
| Sequence Length         | 189                                                                                                                                                                                       |
| Assay Type              | Quantitative Sandwich                                                                                                                                                                     |
| Samples                 | Serum, plasma and other biological fluids                                                                                                                                                 |
| Detection Range         | 31.25-2000 pg/mL                                                                                                                                                                          |
| Sensitivity             | 18.75 pg/mL                                                                                                                                                                               |
| Intra-assay Precision   | Intra-assay Precision (Precision within an assay): 3 samples with low, mid range and high level Porcine CAP1 were tested 20 times on one plate, respectively.                             |
| Inter-assay Precision   | Inter-assay Precision (Precision between assays): 3 samples with low, mid range and high level Porcine CAP1 were tested on 3 different plates, 20 replicates in each plate, respectively. |
| Preparation and Storage | Store at 4 degree C.                                                                                                                                                                      |

### IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

|                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
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| Related Product Information for CAP1 elisa kit | <p>Principle of the Assay: This ELISA kit uses the Sandwich-ELISA principle. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to Porcine CAP1. Samples (or Standards) are added to the micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for Porcine CAP1 and Avidin-Horseradish Peroxidase (HRP) conjugate are added successively to each micro plate well and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain Porcine CAP1, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of stop solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 ± 2 nm. The OD value is proportional to the concentration of Porcine CAP1. You can calculate the concentration of Porcine CAP1 in the samples by comparing the OD of the samples to the standard curve.</p> <p>Intended Uses: This ELISA kit applies to the in vitro quantitative determination of Porcine CAP1 concentrations in serum, plasma and other biological fluids.</p> |
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NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                                                       |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 3250916                                                                                                                                                               |
| NCBI GeneID                      | 117287                                                                                                                                                                |
| UniProt Accession #              | O88767                                                                                                                                                                |
| Molecular Weight                 | 19,974 Da                                                                                                                                                             |
| NCBI Official Full Name          | CAP1                                                                                                                                                                  |
| NCBI Official Synonym Full Names | parkinson protein 7                                                                                                                                                   |
| NCBI Official Symbol             | Park7                                                                                                                                                                 |
| NCBI Official Synonym Symbols    | DJ1; CAP1; DJ-1; SP22                                                                                                                                                 |
| NCBI Protein Information         | protein DJ-1; Parkinson disease (autosomal recessive, early onset) 7; contraception-associated protein 1; fertility protein SP22; parkinson disease protein 7 homolog |
| UniProt Protein Name             | Protein DJ-1                                                                                                                                                          |
| UniProt Gene Name                | <b>Park7</b>                                                                                                                                                          |
| UniProt Synonym Gene Names       | Cap1; Protein CAP1                                                                                                                                                    |
| UniProt Entry Name               | PARK7_RAT                                                                                                                                                             |

**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/porcine-elisa-kits/cap1/165732>