

## Human PTK7 protein tyrosine kinase 7 ELISA Kit | PTK7 elisa kit

Human Inactive tyrosine-protein kinase 7, PTK7 ELISA Kit

CATALOG #  
**AAA18313**

REACTIVITY  
**Human**

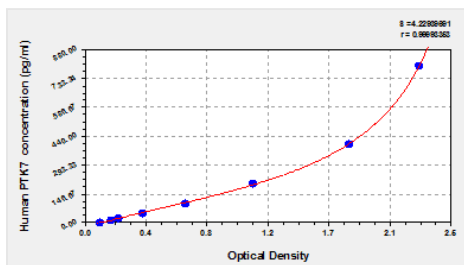
### PRODUCT SYNONYMS

PTK7 protein tyrosine kinase 7; Human Inactive tyrosine-protein kinase 7; PTK7 ELISA Kit; Human Inactive tyrosine-protein kinase 7 (PTK7) ELISA kit; CCK4; colon carcinoma kinase-4; PTK7 elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                       |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Human                                                                                                                                                                                 |
| Specificity             | This assay has high sensitivity and excellent specificity for detection of human PTK7. No significant cross-reactivity or interference between human PTK7 and analogues was observed. |
| Sequence Length         | 1078                                                                                                                                                                                  |
| Assay Type              | Quantitative Sandwich                                                                                                                                                                 |
| Samples                 | Serum, plasma, tissue homogenates, cell lysates                                                                                                                                       |
| Detection Range         | 12.5 pg/ml-800 pg/ml                                                                                                                                                                  |
| Sensitivity             | < 3.125 pg/ml                                                                                                                                                                         |
| Intra-assay Precision   | Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.                                      |
| Inter-assay Precision   | Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.                                               |
| 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

|                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
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| Related Product Information for PTK7 elisa kit | Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for PTK7 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any PTK7 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for PTK7 is added to the wells. After washing, avidin 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 PTK7 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 #                        | 393715082                                                                                                                                                       |
| NCBI GeneID                      | 5754                                                                                                                                                            |
| NCBI Accession #                 | NP_001257327.1                                                                                                                                                  |
| NCBI GenBank Nucleotide #        | NM_001270398.1                                                                                                                                                  |
| UniProt Accession #              | Q13308; Q13417; Q5T650; Q6IQ54; Q8NFA5; Q8NFA6; Q8NFA7; Q8NFA8; A8K974; B7Z477; E9PFZ5                                                                          |
| Molecular Weight                 | 118,392 Da                                                                                                                                                      |
| NCBI Official Full Name          | inactive tyrosine-protein kinase 7 isoform e                                                                                                                    |
| NCBI Official Synonym Full Names | protein tyrosine kinase 7                                                                                                                                       |
| NCBI Official Symbol             | PTK7                                                                                                                                                            |
| NCBI Official Synonym Symbols    | CCK4; CCK-4                                                                                                                                                     |
| NCBI Protein Information         | inactive tyrosine-protein kinase 7; colon carcinoma kinase 4; PTK7 protein tyrosine kinase 7; tyrosine-protein kinase-like 7; pseudo tyrosine kinase receptor 7 |
| UniProt Protein Name             | Inactive tyrosine-protein kinase 7                                                                                                                              |
| UniProt Gene Name                | PTK7                                                                                                                                                            |
| UniProt Synonym Gene Names       | CCK4; CCK-4                                                                                                                                                     |
| UniProt Entry Name               | PTK7_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.

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Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/ptk7-protein-tyrosine-kinase-7/18313>