

## Mouse Cyclin-dependent kinase 4, CDK-4 ELISA Kit | CDK-4 elisa kit

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CATALOG #  
**AAA42582**

REACTIVITY  
**Mouse**

### PRODUCT SYNONYMS

Cyclin-dependent kinase 4; CDK-4; Mouse Cyclin-dependent kinase 4; CDK-4 ELISA Kit; CDK-4 elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                          |
|-------------------------|--------------------------------------------------------------------------|
| Reactivity              | Mouse                                                                    |
| Sequence Length         | 342                                                                      |
| Samples                 | Serum, plasma, cell culture supernates, cell lysates, tissue homogenates |
| Assay Type              | Quantitative Sandwich                                                    |
| Detection Range         | 0.1ng/ml - 50ng/ml                                                       |
| Sensitivity             | 0.047ng/ml                                                               |
| Intra-Assay             | CV<8%                                                                    |
| Inter-Assay             | CV<10%                                                                   |
| Preparation and Storage | Store at 2 to 8 degree C for 6 months.                                   |

### IMAGES



Standard Curve (Sample)

### ADDITIONAL INFORMATION

#### Related Product Information for CDK-4 elisa kit

**Intended Uses:** This sandwich kit is for the accurate quantitative detection of Mouse Cyclin-Dependent Kinase 4 (also known as CDK-4) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

**Principles of the Assay:** This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Mouse CDK-4 antibody. CDK-4 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Mouse CDK-4 Antibody is added and binds to CDK-4 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated CDK-4 antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of Mouse CDK-4. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

|                            |                                   |
|----------------------------|-----------------------------------|
| NCBI GI #                  | 5731970                           |
| Molecular Weight           | 39,408 Da                         |
| NCBI Official Full Name    | cyclin-dependent kinase CDK-4     |
| UniProt Protein Name       | Cyclin-dependent kinase 4 homolog |
| UniProt Gene Name          | <b>cdk-4</b>                      |
| UniProt Synonym Gene Names | CDK4/6                            |

**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/mouse-elisa-kits/cyclin-dependent-kinase-4-cdk-4/42582>