

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

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CATALOG #
AAA41454

REACTIVITY
Human

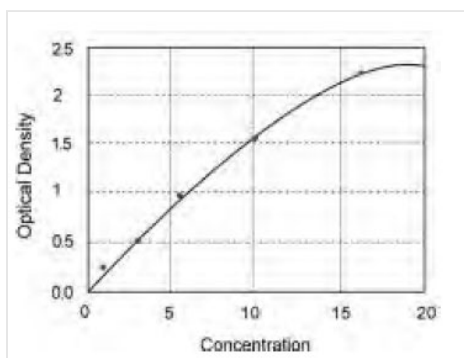
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	342
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids
Detection Range	0.05-20ng/ml
Sensitivity	0.022ng/ml
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested 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 separate assays to assess inter-assay precision. CV(%) = SD/mean x 100. 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	Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Human CDK-4 antibody. CDK-4 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Human 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 Human CDK-4. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm. Intended Uses: This sandwich kit is for the accurate quantitative detection of Human Cyclin-dependent kinase 4 (also known as CDK-4) in serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids.
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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	cdk-4
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/human-elisa-kits/cyclin-dependent-kinase-4-cdk-4/41454>