

Rat Cyclin-dependent kinase 4 (CDK-4) ELISA Kit | CDK-4 elisa kit

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CATALOG #
AAA120964

REACTIVITY
Rat

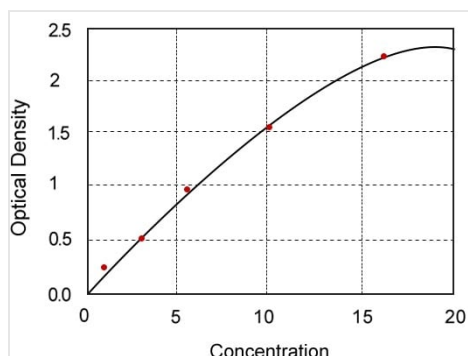
PRODUCT SYNONYMS

Cyclin-dependent kinase 4 (CDK-4); Rat Cyclin-dependent kinase 4 (CDK-4) ELISA Kit; CDK-4 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
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	0.043ng/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 Rat 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 Rat CDK-4 antibody. CDK-4 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Rat 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 Rat 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 #	17551220
NCBI GeneID	181472
NCBI Accession #	NP_510256.1
NCBI GenBank Nucleotide #	NM_077855.4
UniProt Accession #	Q9XTR1; G5EFI3
Molecular Weight	39,408 Da
NCBI Official Full Name	Cyclin-dependent kinase 4 homolog
NCBI Official Symbol	cdk-4
NCBI Protein Information	Cyclin-dependent kinase 4 homolog
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/rat-elisa-kits/cyclin-dependent-kinase-4-cdk-4/120964>