

Rat Cyclin Dependent Kinase 4 ELISA Kit | CDK4 elisa kit

Rat CDK4 (Cyclin Dependent Kinase 4) ELISA Kit

CATALOG #
AAA171511

REACTIVITY
Rat

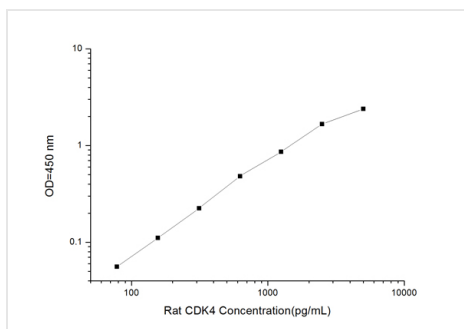
PRODUCT SYNONYMS

Cyclin Dependent Kinase 4; Rat CDK4 (Cyclin Dependent Kinase 4) ELISA Kit; CDK4 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This kit recognizes natural and recombinantRatCDK4. No significant cross-reactivity or interference between RatCDK4 and analogues was observed.
Sequence Length	303
Samples	Serum, Plasma, Biological Fluids
Assay Type	Sandwich
Detection Range	78.125-5000pg/mL
Sensitivity	Min: 46.875pg/mL ; Max: 5000pg/mL
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CDK4 elisa kit	Intended Uses: This ELISA kit applies to the invitro quantitative determination of RatCDK4concentrations in serum, plasma and other biological fluids. Principle of the Assay: This ELISA kit uses Sandwich-ELISA as the method. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to CDK4. Standards or samples are added to the appropriate micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for CDK4and Avidin-Horseradish Peroxidase (HRP) conjugate is added to each micro plate well successively and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain CDK4, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The OD value is proportional to the concentration of CDK4.You can calculate the concentration of CDK4in the samples by comparing the OD of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4502735
NCBI GeneID	1019
NCBI Accession #	NP_000066.1
NCBI GenBank Nucleotide #	NM_000075.3
UniProt Accession #	P11802; O00576; Q6FG61; B2R9A0; B4DNF9
Molecular Weight	20,725 Da
NCBI Official Full Name	cyclin-dependent kinase 4
NCBI Official Synonym Full Names	cyclin dependent kinase 4
NCBI Official Symbol	CDK4
NCBI Official Synonym Symbols	CMM3; PSK-J3
NCBI Protein Information	cyclin-dependent kinase 4
UniProt Protein Name	Cyclin-dependent kinase 4
UniProt Gene Name	CDK4
UniProt Entry Name	CDK4_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.