

Rat Cyclin-dependent kinase 1 ELISA Kit | Cdk1 elisa kit

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CATALOG #
AAA56204

REACTIVITY
Rat

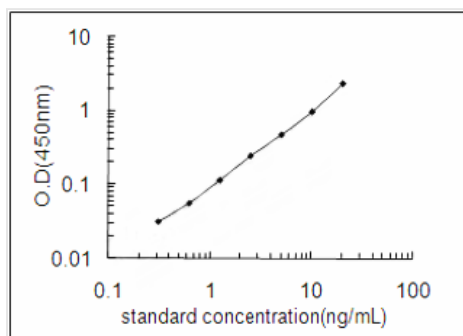
PRODUCT SYNONYMS

Cyclin-dependent kinase 1; Rat Cyclin-dependent kinase 1 ELISA Kit; Cdk1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay recognizes recombinant and natural rat CDK1. No significant cross-reactivity or interference was observed.
Sequence Length	297
Assay Type	Sandwich
Detection Range	0.312-20 ng/ml
Sensitivity	0.18 ng/mL
Intra-Assay CV	<=5.8%
Inter-Assay CV	<=8.3%
Recovery	101%
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Cdk1 elisa kit

Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to CDK1. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific for CDK1 and Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain CDK1, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of CDK1 in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	9506475
NCBI GeneID	54237
NCBI Accession #	NP_062169.1
NCBI GenBank Nucleotide #	NM_019296.1
UniProt Accession #	P39951; Q5BJB4
Molecular Weight	34,135 Da
NCBI Official Full Name	cyclin-dependent kinase 1
NCBI Official Synonym Full Names	cyclin-dependent kinase 1
NCBI Official Symbol	Cdk1
NCBI Official Synonym Symbols	Cdc2; Cdc2a
NCBI Protein Information	cyclin-dependent kinase 1
UniProt Protein Name	Cyclin-dependent kinase 1
UniProt Gene Name	Cdk1
UniProt Synonym Gene Names	Cdc2; Cdc2a; Cdkn1; CDK1
UniProt Entry Name	CDK1_RAT

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/cdk1-rat-elisa-kits/cyclin-dependent-kinase-1/56204>