

Rat Cyclin-dependent kinase 7 ELISA Kit | Cdk7 elisa kit

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CATALOG #
AAA56341

REACTIVITY
Rat

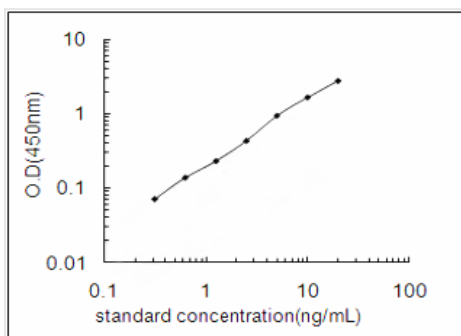
PRODUCT SYNONYMS

Cyclin-dependent kinase 7; Rat Cyclin-dependent kinase 7 ELISA Kit; Cdk7 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay recognizes recombinant and natural rat Cyclin-dependent kinase 7. No significant cross-reactivity or interference was observed.
Sequence Length	346
Assay Type	Sandwich
Detection Range	0.312-20 ng/ml
Sensitivity	0.171 ng/mL
Intra-Assay CV	<=4.7%
Inter-Assay CV	<=8.3%
Recovery	98%
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 Cdk7 elisa kit	Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to Cyclin-dependent kinase 7. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific for Cyclin-dependent kinase 7 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 Cyclin-dependent kinase 7, 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 Cyclin-dependent kinase 7 in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	68566250
NCBI GeneID	171150
UniProt Accession #	P51952
Molecular Weight	37,141 Da
NCBI Official Full Name	Cyclin-dependent kinase 7
NCBI Official Synonym Full Names	cyclin-dependent kinase 7
NCBI Official Symbol	Cdk7
NCBI Protein Information	cyclin-dependent kinase 7
UniProt Protein Name	Cyclin-dependent kinase 7
UniProt Gene Name	Cdk7
UniProt Synonym Gene Names	Cak; Cak1; Mo15; P39 Mo15
UniProt Entry Name	CDK7_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.

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Online datasheet: <https://stage.aaabiotech.com/cdk7-rat-elisa-kits/cyclin-dependent-kinase-7/56341>