

Mouse Cyclin-dependent kinase 12 ELISA Kit | Cdk12 elisa kit

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CATALOG #
AAA56481

REACTIVITY
Mouse

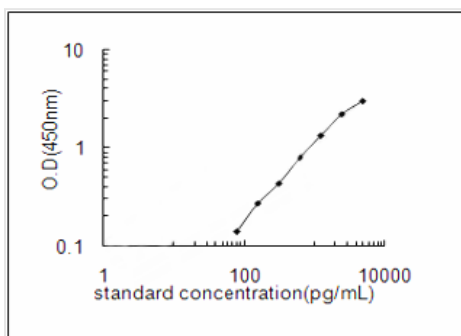
PRODUCT SYNONYMS

Cyclin-dependent kinase 12; Mouse Cyclin-dependent kinase 12 ELISA Kit; Cdk12 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay recognizes recombinant and natural mouse Cyclin-dependent kinase 12. No significant cross-reactivity or interference was observed.
Sequence Length	1239
Assay Type	Sandwich
Detection Range	78-5000 pg/ml
Sensitivity	41 pg/mL
Intra-Assay CV	<=4.6%
Inter-Assay CV	<=7.6%
Recovery	97%
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 Cdk12 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 12. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific for Cyclin-dependent kinase 12 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 12, 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 12 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 #	157816935
NCBI GeneID	69131
NCBI Accession #	NP_001103096.1
NCBI GenBank Nucleotide #	NM_001109626.1
UniProt Accession #	Q14AX6; Q6ZQ27; Q8R457; A2A530; A2A531; B1AQH7
Molecular Weight	162,755 Da
NCBI Official Full Name	cyclin-dependent kinase 12 isoform 1
NCBI Official Synonym Full Names	cyclin-dependent kinase 12
NCBI Official Symbol	Cdk12
NCBI Official Synonym Symbols	Crk7; Pksc; Crkrs; AI646528; D11Ert752e; 1810022J16Rik
NCBI Protein Information	cyclin-dependent kinase 12
UniProt Protein Name	Cyclin-dependent kinase 12
UniProt Gene Name	Cdk12
UniProt Synonym Gene Names	Crk7; Crkrs; Kiaa0904; CrkRS; CDC2-related protein kinase 7
UniProt Entry Name	CDK12_MOUSE

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/cdk12-mouse-elisa-kits/cyclin-dependent-kinase-12/56481>