

Human Cyclin-dependent kinase 12 ELISA Kit | CDK12 elisa kit

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CATALOG #
AAA56453

REACTIVITY
Human

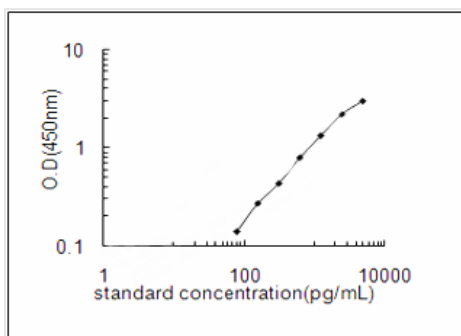
PRODUCT SYNONYMS

Cyclin-dependent kinase 12; Human Cyclin-dependent kinase 12 ELISA Kit; CDK12 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay recognizes recombinant and natural human CDK12. No significant cross-reactivity or interference was observed.
Sequence Length	1239
Assay Type	Sandwich
Detection Range	78-5000 pg/mL
Sensitivity	34pg/mL
Intra-Assay CV	<=4.9%
Inter-Assay CV	<=8.5%
Recovery	94%
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 CDK12. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific for CDK12 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 CDK12, 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 CDK12 in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	157817073
NCBI GeneID	51755
NCBI Accession #	NP_055898.1
NCBI GenBank Nucleotide #	NM_015083.2
UniProt Accession #	Q9NYV4; O94978; A7E2B2; B4DYX4; B9EIQ6
Molecular Weight	141,449 Da
NCBI Official Full Name	cyclin-dependent kinase 12 isoform 2
NCBI Official Synonym Full Names	cyclin-dependent kinase 12
NCBI Official Symbol	CDK12
NCBI Official Synonym Symbols	CRK7; CRKR; CRKRS
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; hCDK12
UniProt Entry Name	CDK12_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.

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Online datasheet: <https://stage.aaabiotech.com/cdk12-human-elisa-kits/cyclin-dependent-kinase-12/56453>