

Human CDK6 (Cyclin Dependent Kinase 6) CLIA Kit | CDK6 clia kit

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CATALOG #
AAA171170

REACTIVITY
Human

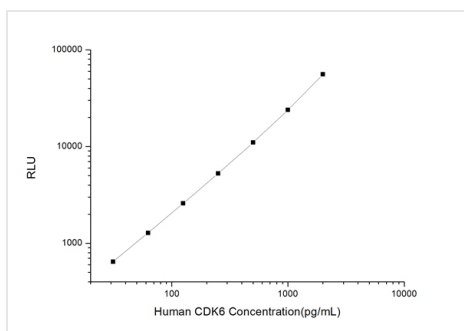
PRODUCT SYNONYMS

CDK6 (Cyclin Dependent Kinase 6); Human CDK6 (Cyclin Dependent Kinase 6) CLIA Kit; PLSTIRE; Cell division protein kinase 6; CDK6 clia kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This kit recognizes natural and recombinant CDK6. No significant cross-reactivity or interference between CDK6 and analogues was observed.
Sequence Length	326
Assay Type	Sandwich
Detection Range	31.25-2000pg/mL
Sensitivity	Min: 18.75pg/mL; Max: 2000pg/mL

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CDK6 clia kit

Intended Uses: This CLIA kit applies to the in vitro quantitative determination of CDK6 concentrations in serum, plasma and other biological fluids.

Principle of the Assay: This kit uses Sandwich-CLIA as the method. The micro CLIA plate provided in this kit has been pre-coated with an antibody specific to CDK6. Standards or samples are added to the appropriate micro CLIA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for CDK6 and 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 CDK6, biotinylated detection antibody and Avidin-HRP conjugate will appear fluorescence. The Relative light unit (RLU) value is measured spectrophotometrically by the Chemiluminescence immunoassay analyzer. The RLU value is positively associated with the concentration of CDK6. You can calculate the concentration of CDK6 in the samples by comparing the RLU value of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	223718134
NCBI GeneID	1021
NCBI Accession #	NP_001138778.1
NCBI GenBank Nucleotide #	NM_001145306.1
Molecular Weight	36,938 Da
NCBI Official Full Name	cyclin-dependent kinase 6
NCBI Official Synonym Full Names	cyclin-dependent kinase 6
NCBI Official Symbol	CDK6
NCBI Official Synonym Symbols	MCPH12; PLSTIRE
NCBI Protein Information	cyclin-dependent kinase 6
UniProt Protein Name	Cyclin-dependent kinase 6
UniProt Gene Name	CDK6
UniProt Synonym Gene Names	CDKN6
UniProt Entry Name	CDK6_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/human-clia-kits/cdk6-cyclin-dependent-kinase-6/171170>