

Human CDK8 ELISA Kit | CDK8 elisa kit

Human CDK8 (Cyclin Dependent Kinase 8) ELISA Kit

CATALOG #
AAA164377

REACTIVITY
Human

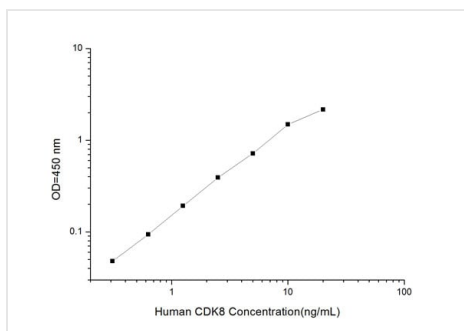
PRODUCT SYNONYMS

CDK8; Human CDK8 (Cyclin Dependent Kinase 8) ELISA Kit; CDK8 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human CDK8. No significant cross-reactivity or interference between Human CDK8 and analogues was observed. Note: Limited by current skills and knowledge, it is impossible for us to complete the cross- reactivity detection between Human CDK8 and all the analogues, therefore, cross reaction may still exist.
Sequence Length	464
Samples	Serum, Plasma, Biological Fluids
Assay Type	Sandwich
Detection Range	0.313-20ng/mL
Sensitivity	Min: 0.188ng/mL; Max: 20ng/mL
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CDK8 elisa kit	Description: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of CDK8 in human serum, plasma and other biological fluids Principle of the Assay: This ELISA kit uses Sandwich-ELISA as the method. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to Human CDK8. Standards or samples are added to the appropriate micro ELISA plate wells and bound by the specific antibody. Then a biotinylated detection antibody specific for Human CDK8 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 Human CDK8, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The OD value is proportional to the concentration of Human CDK8. You can calculate the concentration of Human CDK8 in the samples by comparing the OD of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4502745
NCBI GeneID	1024
NCBI Accession #	NP_001251.1
NCBI GenBank Nucleotide #	NM_001260.1
UniProt Accession #	P49336; Q5VUF3; Q6ISB5
Molecular Weight	53,156 Da
NCBI Official Full Name	cyclin-dependent kinase 8
NCBI Official Synonym Full Names	cyclin-dependent kinase 8
NCBI Official Symbol	CDK8
NCBI Official Synonym Symbols	K35
NCBI Protein Information	cyclin-dependent kinase 8; CDK8 protein kinase; cell division protein kinase 8; mediator complex subunit CDK8; mediator of RNA polymerase II transcription subunit CDK8; protein kinase K35
UniProt Protein Name	Cyclin-dependent kinase 8
UniProt Gene Name	CDK8
UniProt Entry Name	CDK8_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-elisa-kits/cdk8/164377>