

Human CDK9 ELISA Kit | CDK-9 elisa kit

Human CDK9 (Cyclin Dependent Kinase 9) ELISA Kit

CATALOG #
AAA21485

REACTIVITY
Human

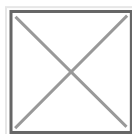
PRODUCT SYNONYMS

CDK9; Human CDK9 (Cyclin Dependent Kinase 9) ELISA Kit; CDK-9 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This kit recognizes Human CDK9 in samples. No significant cross-reactivity or interference between Human CDK9 and analogues was observed.
Sequence Length	372
Assay Type	Quantitative Sandwich
Samples	Serum, plasma and other biological fluids
Detection Range	1.56-100ng/mL
Sensitivity	0.94ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, mid range and high level Human CDK9 were tested 20 times on one plate, respectively.
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, mid range and high level Human CDK9 were tested on 3 different plates, 20 replicates in each plate.
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CDK-9 elisa kit

Principle of the Assay: This ELISA kit uses the Sandwich-ELISA principle. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to Human CDK9. Standards or samples are added to the micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for Human CDK9 and Avidin-Horseradish Peroxidase (HRP) conjugate are added successively to each micro plate well and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain Human CDK9, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of stop solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm $\pm$ 2 nm. The OD value is proportional to the concentration of Human CDK9. You can calculate the concentration of Human CDK9 in the samples by comparing the OD of the samples to the standard curve.

Intended Uses: This ELISA kit applies to the in vitro quantitative determination of Human CDK9 concentrations in serum, plasma and other biological fluids.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4502747
NCBI GeneID	1025
NCBI Accession #	NP_001252.1
NCBI GenBank Nucleotide #	NM_001261.3
UniProt Accession #	P50750; Q5JU24; Q5JU25; Q5U006; Q96TF1
Molecular Weight	53,365 Da
NCBI Official Full Name	cyclin-dependent kinase 9
NCBI Official Synonym Full Names	cyclin-dependent kinase 9
NCBI Official Symbol	CDK9
NCBI Official Synonym Symbols	TAK; C-2k; CTK1; CDC2L4; PITALRE
NCBI Protein Information	cyclin-dependent kinase 9; CDC2-related kinase; cell division cycle 2-like protein kinase 4; cell division protein kinase 9; serine/threonine protein kinase PITALRE; tat-associated kinase complex catalytic subunit
UniProt Protein Name	Cyclin-dependent kinase 9
UniProt Gene Name	CDK9
UniProt Synonym Gene Names	CDC2L4; TAK
UniProt Entry Name	CDK9_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/cdk-9-human-elisa-kits/cdk9/21485>