

Human CDKN3 ELISA Kit | CDKN3 elisa kit

Human CDKN3 (Cyclin Dependent Kinase Inhibitor 3) ELISA Kit

CATALOG #
AAA164811

REACTIVITY
Human

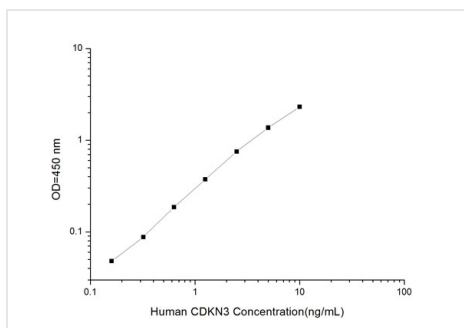
PRODUCT SYNONYMS

CDKN3; Human CDKN3 (Cyclin Dependent Kinase Inhibitor 3) ELISA Kit; CDKN3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human CDKN3. No significant cross-reactivity or interference between Human CDKN3 and analogues was observed. Note: Limited by current skills and knowledge, it is impossible for us to complete the cross- reactivity detection between Human CDKN3 and all the analogues, therefore, cross reaction may still exist.
Sequence Length	212
Samples	Serum, Plasma, Biological Fluids
Assay Type	Sandwich
Detection Range	0.156-10ng/mL
Sensitivity	Min: 0.094ng/mL; Max: 10ng/mL
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CDKN3 elisa kit	Description: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of CDKN3 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 CDKN3. 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 CDKN3 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 CDKN3, 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 CDKN3. You can calculate the concentration of Human CDKN3 in the samples by comparing the OD of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	17981704
NCBI GeneID	1033
NCBI Accession #	NP_005183.2
NCBI GenBank Nucleotide #	NM_005192.3
UniProt Accession #	Q16667; Q53ZU6; Q5U0M4; Q6P1N8; Q99585; Q9BPW7; Q9BY36; Q9C042; Q9C046; Q9C047; Q9C049; Q9C051
Molecular Weight	19,359 Da
NCBI Official Full Name	cyclin-dependent kinase inhibitor 3 isoform 1
NCBI Official Synonym Full Names	cyclin-dependent kinase inhibitor 3
NCBI Official Symbol	CDKN3
NCBI Official Synonym Symbols	KAP; CDI1; CIP2; KAP1
NCBI Protein Information	cyclin-dependent kinase inhibitor 3; CDK2-associated dual specificity phosphatase; CDK2-associated dual-specificity phosphatase; Cdk-associated protein phosphatase; cyclin-dependent kinase interacting protein 2; cyclin-dependent kinase interactor 1; cyclin-dependent kinase-interacting protein 2; kinase associated phosphatase; kinase-associated phosphatase
UniProt Protein Name	Cyclin-dependent kinase inhibitor 3
UniProt Gene Name	CDKN3
UniProt Synonym Gene Names	CDI1; CIP2; KAP
UniProt Entry Name	CDKN3_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.