

Human CDKN2A ELISA Kit | CDKN2A elisa kit

Human CDKN2A (Cyclin Dependent Kinase Inhibitor 2A) ELISA Kit

CATALOG #
AAA165551

REACTIVITY
Human

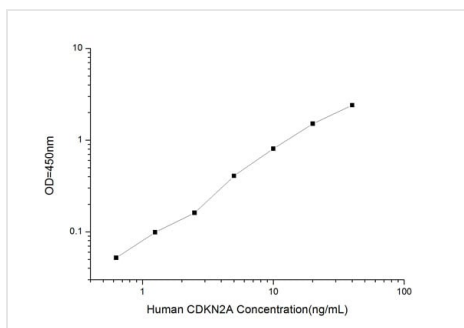
PRODUCT SYNONYMS

CDKN2A; Human CDKN2A (Cyclin Dependent Kinase Inhibitor 2A) ELISA Kit; CDKN2A elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human CDKN2A. No significant cross-reactivity or interference between Human CDKN2A and analogues was observed. Note: Limited by current skills and knowledge, it is impossible for us to complete the cross- reactivity detection between Human CDKN2A and all the analogues, therefore, cross reaction may still exist.
Sequence Length	132
Samples	Serum, Plasma, Biological Fluids
Assay Type	Sandwich
Detection Range	0.625-40ng/mL
Sensitivity	Min: 0.375ng/mL; Max: 40ng/mL
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CDKN2A elisa kit	Description: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of CDKN2A 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 CDKN2A. 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 CDKN2A 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 CDKN2A, 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 CDKN2A. You can calculate the concentration of Human CDKN2A in the samples by comparing the OD of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	300863096
NCBI GeneID	1029
NCBI Accession #	NP_478102.2
NCBI GenBank Nucleotide #	NM_058195.3
UniProt Accession #	Q8N726; Q13195; Q13399; Q16360; Q7KZR9; D3DRK2; P42771
Molecular Weight	16,533 Da
NCBI Official Full Name	cyclin-dependent kinase inhibitor 2A isoform p14ARF
NCBI Official Synonym Full Names	cyclin-dependent kinase inhibitor 2A
NCBI Official Symbol	CDKN2A
NCBI Official Synonym Symbols	ARF; MLM; P14; P16; P19; CMM2; INK4; MTS1; TP16; CDK4I; CDKN2; INK4A; MTS-1; P14ARF; P19ARF; P16INK4; P16INK4A; P16-INK4A
NCBI Protein Information	cyclin-dependent kinase inhibitor 2A; CDK4 inhibitor p16-INK4; CDKN2A; cell cycle negative regulator beta; cyclin-dependent kinase 4 inhibitor A; cyclin-dependent kinase inhibitor 2A (melanoma, p16, inhibits CDK4); multiple tumor suppressor 1
UniProt Protein Name	Cyclin-dependent kinase inhibitor 2A, isoform 4
UniProt Gene Name	CDKN2A
UniProt Entry Name	CD2A2_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.