

Human Cyclin-Dependent Kinase Inhibitor 2A ELISA Kit | CDKN2A elisa kit

Human Cyclin-Dependent Kinase Inhibitor 2A ELISA Kit

CATALOG #
AAA41727

REACTIVITY
Human

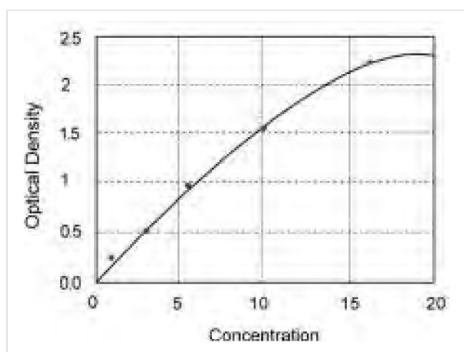
PRODUCT SYNONYMS

Cyclin-Dependent Kinase Inhibitor 2A; Human Cyclin-Dependent Kinase Inhibitor 2A ELISA Kit; Cyclin-dependent kinase 4 inhibitor A (CDK4I); Multiple tumor suppressor 1 (MTS-1); p16-INK4a (p16-INK4; p16INK4A); CDKN2A elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	67
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids
Detection Range	5-2000ng/L
Sensitivity	2.24ng/L
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision. CV(%) = SD/mean x 100. Inter-Assay: CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CDKN2A elisa kit	Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Human Cdkn2a antibody. Cdkn2a present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Human Cdkn2a Antibody is added and binds to Cdkn2a in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated Cdkn2a antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of Human Cdkn2a. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm. Intended Uses: This sandwich kit is for the accurate quantitative detection of Human Cyclin-dependent kinase inhibitor 2A (also known as Cdkn2a) in serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids.
--	--

NCBI AND UNIPROT INFORMATION

NCBI GI #	89355819
NCBI GeneID	1029
UniProt Accession #	P42771; O95440; Q15191; Q5VVJ5; Q96B52; Q9NP05; A5X2G7; D3DRK1; G3XAG3; Q8N726
Molecular Weight	11,215 Da
NCBI Official Full Name	p16, partial
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
UniProt Protein Name	Cyclin-dependent kinase inhibitor 2A
UniProt Gene Name	CDKN2A
UniProt Synonym Gene Names	CDKN2; MTS1; CDK4I; MTS-1; p16-INK4; p16INK4A

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/cdkn2a-human-elisa-kits/cyclin-dependent-kinase-inhibitor-2a/41727>