

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

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CATALOG #
AAA100731

REACTIVITY
Mouse

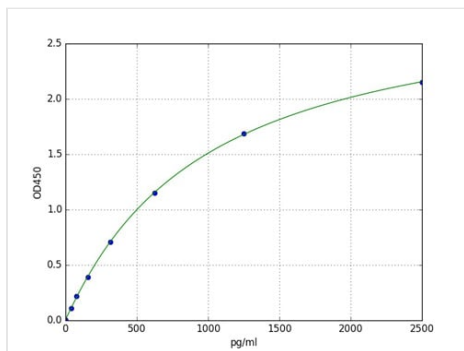
PRODUCT SYNONYMS

Cyclin Dependent Kinase Inhibitor 2A; Mouse Cyclin Dependent Kinase Inhibitor 2A ELISA Kit; CDKN2A (Cyclin Dependent Kinase Inhibitor 2A)/p16INK4a/ARF/CDK4/INK4a/MLM/p14ARF/p16/p19ARF/ARF/CDK4 inhibitor p16-INK4/CDKN2/cell cycle negative regulator beta/CMM2P16-INK4A/Cyclin-dependent kinase 4 inhibitor A/cyclin-dependent kinase inhibitor 2A/INK4/INK4A/MLMP16INK4/MTS-1/MTS1P14; CDKN2A elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Sequence Length	60
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	39.063-2500pg/ml
Sensitivity	23.438pg/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

Typical Data & Standard Curve

Results of a typical standard run of a Mouse CDKN2A ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	pg/ml	0	39.1	78.125	156.25	312.5	625	1250	2500
Y	OD450	0.044	0.079	0.143	0.233	0.414	0.823	1.660	2.240

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CDKN2A elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. anti-Mouse CDKN2A antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Mouse CDKN2A antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the Mouse CDKN2A amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Mouse CDKN2A can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	54304014
NCBI GeneID	1029
UniProt Accession #	Q5ZEY9; P42771; Q8N726
Molecular Weight	6,676 Da
NCBI Official Full Name	cyclin-dependent kinase inhibitor 2A, 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 Entry Name	Q5ZEY9_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/cdkn2a-mouse-elisa-kits/cyclin-dependent-kinase-inhibitor-2a/100731>