

Mouse Cyclin Dependent Kinase Inhibitor 1B ELISA Kit | CDKN1B elisa kit

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CATALOG #
AAA101528

REACTIVITY
Mouse

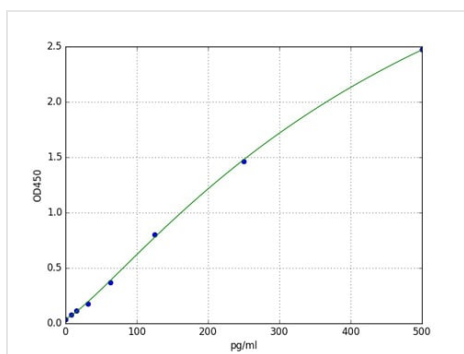
PRODUCT SYNONYMS

Cyclin Dependent Kinase Inhibitor 1B; Mouse Cyclin Dependent Kinase Inhibitor 1B ELISA Kit; CDKN1B/Cyclin-dependent kinase inhibitor 1B/Cyclin-dependent kinase inhibitor p27/p27Kip1; CDKN1B elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Sequence Length	198
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	7.813-500pg/ml
Sensitivity	4.688pg/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 CDKN1B 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	7.8	15.6	31.2	62.5	125	250	500
Y	OD450	0.008	0.051	0.100	0.172	0.405	0.809	1.557	2.464

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CDKN1B elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. anti-Mouse CDKN1B antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Mouse CDKN1B 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 CDKN1B amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Mouse CDKN1B can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4757962
NCBI GeneID	1027
NCBI Accession #	NP_004055.1
NCBI GenBank Nucleotide #	NM_004064.4
Molecular Weight	22,073 Da
NCBI Official Full Name	cyclin-dependent kinase inhibitor 1B
NCBI Official Synonym Full Names	cyclin-dependent kinase inhibitor 1B
NCBI Official Symbol	CDKN1B
NCBI Official Synonym Symbols	KIP1; MEN4; CDKN4; MEN1B; P27KIP1
NCBI Protein Information	cyclin-dependent kinase inhibitor 1B
UniProt Protein Name	Cyclin-dependent kinase inhibitor 1B
UniProt Gene Name	CDKN1B
UniProt Synonym Gene Names	KIP1
UniProt Entry Name	CDN1B_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://www.aaabiotech.com/cdkn1b-mouse-elisa-kits/cyclin-dependent-kinase-inhibitor-1b/101528>