

Rat CDKN2A ELISA Kit | CDKN2A elisa kit

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

CATALOG #
AAA164543

REACTIVITY
Rat

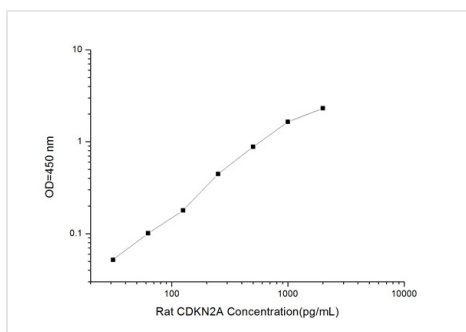
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This kit recognizes Rat CD8 in samples. No significant cross-reactivity or interference between Rat CD8 and analogues was observed.
Sequence Length	132
Samples	Serum, Plasma And Other Biological Fluids
Assay Type	Quantitative Sandwich
Detection Range	1.25-80ng/mL
Sensitivity	0.75ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, mid range and high level Rat CD8 were tested 20 times on one plate, respectively
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, mid range and high level Rat CD8 were tested on 3 different plates, 20 replicates in each plate.
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CDKN2A elisa kit	Intended Uses: This ELISA kit applies to the in vitro quantitative determination of Rat CD8 concentrations in serum, plasma and other biological fluids. Principle of the Assay: This ELISA kit uses the Sandwich-ELISA principle. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to Rat CD8. Standards or samples are added to the micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for Rat CD8 and Avidin-Horseradish Peroxidase (HRP) conjugate are added successively to each micro plate well and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain Rat CD8, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of stop 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 Rat CD8. You can calculate the concentration of Rat CD8 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.