

Mouse CDK6 (Cyclin Dependent Kinase 6) ELISA Kit | CDK6 elisa kit

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CATALOG #
AAA249791

REACTIVITY
Mouse

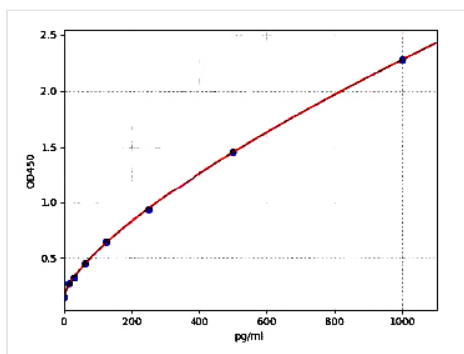
PRODUCT SYNONYMS

CDK6 (Cyclin Dependent Kinase 6); Mouse CDK6 (Cyclin Dependent Kinase 6) ELISA Kit; Cyclin-dependent kinase 6; CR2 protein kinase; CRK2; Cell division protein kinase 6; Serine/threonine-protein kinase PLSTIRE; Cdkn6; Crk2; Cdk6; CDK6 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of CDK6. No significant cross-reactivity or interference between CDK6 and analogues was observed.
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	15.625-1000pg/ml
Sensitivity	9.375pg/ml
Intra-assay Precision	CV<8%
Inter-assay Precision	CV<10%
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)

ADDITIONAL INFORMATION

Related Product Information for CDK6 elisa kit	Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Capture antibody was pre-coated onto 96-well plates. And the biotin conjugated antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and washed 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 target amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of target can be calculated.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	30316380
NCBI GeneID	12571
UniProt Accession #	Q64261; Q9R1D2; Q9R1D3
Molecular Weight	37,028 Da
NCBI Official Full Name	Cyclin-dependent kinase 6
NCBI Official Synonym Full Names	cyclin-dependent kinase 6
NCBI Official Symbol	Cdk6
NCBI Official Synonym Symbols	Crk2; AI504062; 5830411I20
NCBI Protein Information	cyclin-dependent kinase 6; CR2 protein kinase; cell division protein kinase 6; serine/threonine-protein kinase PLSTIRE
UniProt Protein Name	Cyclin-dependent kinase 6
UniProt Gene Name	Cdk6
UniProt Synonym Gene Names	Cdkn6; Crk2; CRK2
UniProt Entry Name	CDK6_MOUSE

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.