

Mouse CDK4 (Cyclin Dependent Kinase 4) ELISA Kit | CDK4 elisa kit

Mouse CDK4 (Cyclin Dependent Kinase 4) ELISA Kit

CATALOG #
AAA249790

REACTIVITY
Mouse

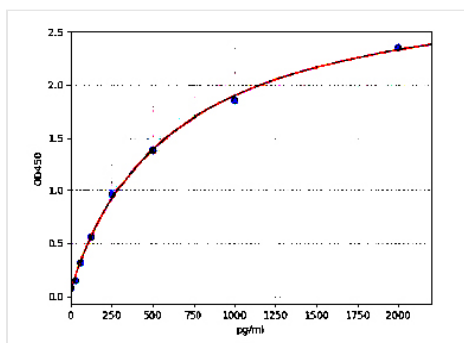
PRODUCT SYNONYMS

CDK4 (Cyclin Dependent Kinase 4); Mouse CDK4 (Cyclin Dependent Kinase 4) ELISA Kit; Cyclin-dependent kinase 4; CRK3; Cell division protein kinase 4; PSK-J3; Crk3; Cdk4; CDK4 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of CDK4. No significant cross-reactivity or interference between CDK4 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	31.25-2000pg/ml
Sensitivity	18.75pg/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 CDK4 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.
--	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	231727
NCBI GeneID	12567
UniProt Accession #	P30285
Molecular Weight	33,751 Da
NCBI Official Full Name	Cyclin-dependent kinase 4
NCBI Official Synonym Full Names	cyclin-dependent kinase 4
NCBI Official Symbol	Cdk4
NCBI Official Synonym Symbols	Crk3
NCBI Protein Information	cyclin-dependent kinase 4; PSK-J3; p34<PSK-J3>/cdk4; serine/threonine kinase; cyclin dependent kinase 4; cell division protein kinase 4
UniProt Protein Name	Cyclin-dependent kinase 4
UniProt Gene Name	Cdk4
UniProt Synonym Gene Names	Crk3
UniProt Entry Name	CDK4_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.