

Human Cyclin-dependent kinase 2, CDK-2 ELISA Kit | CDK-2 elisa kit

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CATALOG #
AAA42668

REACTIVITY
Human

PRODUCT SYNONYMS

Cyclin-dependent kinase 2; CDK-2; Human Cyclin-dependent kinase 2; CDK-2 ELISA Kit; CDK-2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	314
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.05ng/ml - 30ng/ml
Sensitivity	0.028ng/ml
Intra-Assay	CV<8%
Inter-Assay	CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CDK-2 elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of human Cyclin-dependent Kinase 2 (also known as CDK2) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principles of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with human CDK2 antibody. CDK2 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated human CDK2 Antibody is added and binds to CDK2 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated CDK2 antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of human CDK2. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	281362157
NCBI GeneID	42453
NCBI Accession #	NP_001163666.1
NCBI GenBank Nucleotide #	NM_001170195.3
UniProt Accession #	P23573; Q0KI40; Q9TXB2; Q9VDJ4
Molecular Weight	35,888 Da
NCBI Official Full Name	Cyclin-dependent kinase 2, isoform C
NCBI Official Synonym Full Names	Cyclin-dependent kinase 2
NCBI Official Symbol	Cdk2
NCBI Official Synonym Symbols	cdc2c; Cdc2c; CDC2c; CDC2C; cdk2; CDK2; CDK2/CDC2c; CG10498; Dcdc2c; dCdk2; Dmcdc2c; DmCdc2c; DmCdk2; DmelCG10498; S(Sev-CycE)3A
NCBI Protein Information	Cyclin-dependent kinase 2
UniProt Protein Name	Cyclin-dependent kinase 2
UniProt Gene Name	Cdk2
UniProt Synonym Gene Names	cdc2cImportedManual assertion inferred from database entriesiFlyBase:FBgn0004107

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/human-elisa-kits/cyclin-dependent-kinase-2-cdk-2/42668>