

Monkey Cyclin-K (CCNK) ELISA Kit | CCNK elisa kit

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CATALOG #
AAA245275

REACTIVITY
Monkey

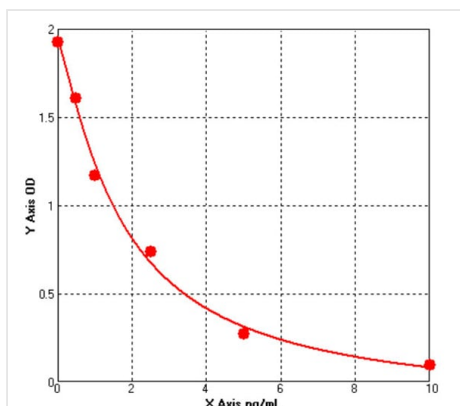
PRODUCT SYNONYMS

Cyclin-K (CCNK); Monkey Cyclin-K (CCNK) ELISA Kit; CCNK elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Monkey
Specificity	This assay has high sensitivity and excellent specificity for detection of CCNK. No significant cross-reactivity or interference between CCNK and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between CCNK and all the analogues, therefore, cross reaction may still exist in some cases.
Assay Type	Quantitative Competitive
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Sensitivity	0.1 ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CCNK elisa kit	Principle of the Assay: CCNK ELISA kit applies the competitive enzyme immunoassay technique utilizing an anti-CCNK antibody and an CCNK-HRP conjugate. The assay sample and buffer are incubated together with CCNK-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the CCNK concentration since CCNK from samples and CCNK-HRP conjugate compete for the anti-CCNK antibody binding site. Since the number of sites is limited, as more sites are occupied by CCNK from the sample, fewer sites are left to bind CCNK-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The CCNK concentration in each sample is interpolated from this standard curve. Intended Uses: This CCNK ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Monkey CCNK. This ELISA kit for research use only, not for therapeutic or test applications!
Product Categories/Family for CCNK elisa kit	Cell Biology

NCBI AND UNIPROT INFORMATION

NCBI GI #	150417989
NCBI GeneID	8812
NCBI Accession #	NP_001092872.1
NCBI GenBank Nucleotide #	NM_001099402.1
Molecular Weight	66,137 Da
NCBI Official Full Name	cyclin-K
NCBI Official Synonym Full Names	cyclin K
NCBI Official Symbol	CCNK
NCBI Official Synonym Symbols	CPR4
NCBI Protein Information	cyclin-K
UniProt Protein Name	Cyclin-K
UniProt Gene Name	CCNK
UniProt Synonym Gene Names	CPR4
UniProt Entry Name	CCNK_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.