

Human Cyclin dependent kinase 13 (CDC2L5) ELISA Kit | CDC2L5 elisa kit

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CATALOG #
AAA244599

REACTIVITY
Human

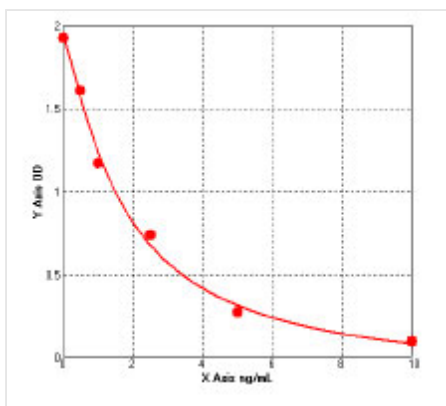
PRODUCT SYNONYMS

Cyclin dependent kinase 13 (CDC2L5); Human Cyclin dependent kinase 13 (CDC2L5) ELISA Kit; CDC2L5 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of CDC2L5. No significant cross-reactivity or interference between CDC2L5 and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between CDC2L5 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 CDC2L5 elisa kit	Principle of the Assay: CDC2L5 ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-CDC2L5 antibody and an CDC2L5-HRP conjugate. The assay sample and buffer are incubated together with CDC2L5-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 CDC2L5 concentration since CDC2L5 from samples and CDC2L5-HRP conjugate compete for the anti-CDC2L5 antibody binding site. Since the number of sites is limited, as more sites are occupied by CDC2L5 from the sample, fewer sites are left to bind CDC2L5-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The CDC2L5 concentration in each sample is interpolated from this standard curve. Intended Uses: This CDC2L5 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human CDC2L5. This ELISA kit for research use only, not for therapeutic or test applications!
Product Categories/Family for CDC2L5 elisa kit	Cell Biology

NCBI AND UNIPROT INFORMATION

NCBI GI #	66774048
NCBI GeneID	8621
Molecular Weight	158,435 Da
NCBI Official Full Name	Cyclin-dependent kinase 13
NCBI Official Synonym Full Names	cyclin-dependent kinase 13
NCBI Official Symbol	CDK13
NCBI Official Synonym Symbols	CHED; CDC2L; CDC2L5; hCDK13
NCBI Protein Information	cyclin-dependent kinase 13; CDC2-related protein kinase 5; cell division protein kinase 13; cell division cycle 2-like protein kinase 5; cholinesterase-related cell division controller
UniProt Protein Name	Cyclin-dependent kinase 13
UniProt Gene Name	CDK13
UniProt Synonym Gene Names	CDC2L; CDC2L5; CHED; KIAA1791; hCDK13
UniProt Entry Name	CDK13_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.