

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

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CATALOG #
AAA190372

REACTIVITY
Human

PRODUCT SYNONYMS

Cyclin-dependent kinase 13 (CDC2L5); Human Cyclin-dependent kinase 13 (CDC2L5) ELISA Kit; CDC2L; CDC2L5; CHED; FLJ35215; KIAA1791; CDC2-related protein kinase 5|cell division cycle 2-like 5|cholinesterase-related cell division controller; CDC2L5 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human CDC2L5. No significant cross-reactivity or interference between Human CDC2L5 and analogues was observed.
Assay Type	Quantitative Sandwich
Samples	Serum, plasma and other biological fluids
Detection Range	0.31 ng/mL - 20 ng/mL
Sensitivity	0.15 ng/mL (mean of 6 independent assays)
Intra-assay Precision	Intra-assay Precision (Precision within an assay) Three samples of known concentration were tested twenty times on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-assay Precision (Precision between assays) Three samples of known concentration were tested in forty separate assays to assess inter-assay precision. CV (%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	Store at 2-8 degree C. Please refer to Instruction Manual.

ADDITIONAL INFORMATION

Related Product Information for CDC2L5 elisa kit	Principle of the Assay: This assay employs a two-site sandwich ELISA to quantitate CDC2L5 in Human serum, plasma. An antibody specific for CDC2L5 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any CDC2L5 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for CDC2L5 is added to the wells. After washing, Streptavidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of CDC2L5 bound in the initial step. The color development is stopped and the intensity of the color is measured. Intended Uses: For the quantitative detection of Human Cyclin-dependent kinase 13 (CDC2L5) concentration in serum, plasma and other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	145309302
NCBI GeneID	8621
NCBI Accession #	NP_003709
NCBI GenBank Nucleotide #	NM_003718
UniProt Accession #	Q14004; Q53G78; Q6DKQ9; Q75MH4; Q75MH5; Q96JN4; Q9H4A0; Q9H4A1; Q9UDR4

Molecular Weight	158,435 Da
NCBI Official Full Name	cyclin-dependent kinase 13 isoform 1
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 cycle 2-like protein kinase 5; cell division protein kinase 13; 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.

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Online datasheet: <https://www.aaabiotech.com/human-elisa-kits/cyclin-dependent-kinase-13-cdc2l5/190372>