

Human Cell division cycle 5 like protein (CDC5L) ELISA Kit | CDC5L elisa kit

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CATALOG #
AAA245740

REACTIVITY
Human

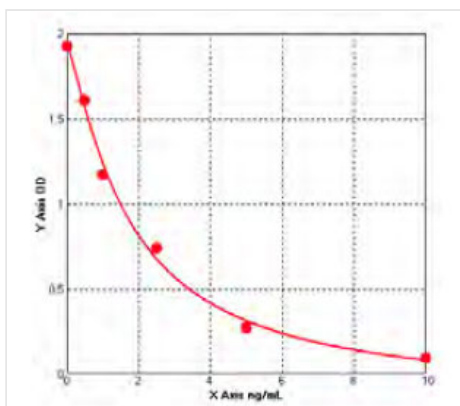
PRODUCT SYNONYMS

Cell division cycle 5 like protein (CDC5L); Human Cell division cycle 5 like protein (CDC5L) ELISA Kit; CDC5L elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of CDC5L. No significant cross-reactivity or interference between CDC5L and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between CDC5L and all the analogues, therefore, cross reaction may still exist in some cases.
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Assay Type	Quantitative Competitive
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 CDC5L elisa kit	Intended Uses: This CDC5L ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of HumanCDC5L. This ELISA kit for research use only, not for therapeutic or test applications! Principle of the Assay: CDC5L ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-CDC5L antibody and an CDC5L-HRP conjugate. The assay sample and buffer are incubated together with CDC5L-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 CDC5L concentration since CDC5L from samples and CDC5L-HRP conjugate compete for the anti-CDC5L antibody binding site. Since the number of sites is limited, as more sites are occupied by CDC5L from the sample, fewer sites are left to bind CDC5L-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The CDC5L concentration in each sample is interpolated from this standard curve.
Product Categories/Family for CDC5L elisa kit	Cell Biology

NCBI AND UNIPROT INFORMATION

NCBI GI #	11067747
NCBI GeneID	988
NCBI Accession #	NP_001244.1
NCBI GenBank Nucleotide #	NM_001253.3
Molecular Weight	92,251 Da
NCBI Official Full Name	cell division cycle 5-like protein
NCBI Official Synonym Full Names	cell division cycle 5-like
NCBI Official Symbol	CDC5L
NCBI Official Synonym Symbols	CDC5; CEF1; PCDC5RP; CDC5-LIKE; dJ319D22.1
NCBI Protein Information	cell division cycle 5-like protein; Cdc5-related protein; pombe cdc5-related protein; dJ319D22.1 (CDC5-like protein); CDC5 cell division cycle 5-like
UniProt Protein Name	Cell division cycle 5-like protein
UniProt Gene Name	CDC5L
UniProt Synonym Gene Names	KIAA0432; PCDC5RP; Cdc5-like protein
UniProt Entry Name	CDC5L_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://stage.aaabiotech.com/human-elisa-kits/cell-division-cycle-5-like-protein-cdc5l/245740>