

Human Cell division control protein 6 homolog (CDC6) ELISA Kit | CDC6 elisa kit

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CATALOG #
AAA246397

REACTIVITY
Human

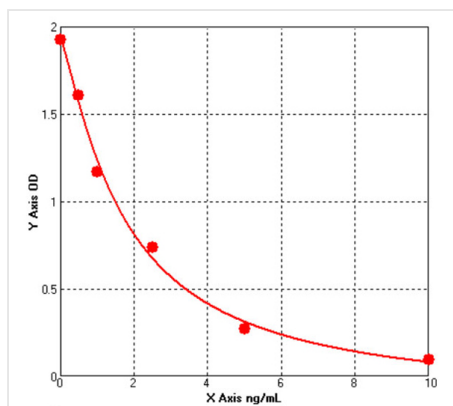
PRODUCT SYNONYMS

Cell division control protein 6 homolog (CDC6); Human Cell division control protein 6 homolog (CDC6) ELISA Kit; CDC6 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of CDC6. No significant cross-reactivity or interference between CDC6 and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between CDC6 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 CDC6 elisa kit	Principle of the Assay: CDC6 ELISA kit applies the competitive enzyme immunoassay technique utilizing an anti-CDC6 antibody and an CDC6-HRP conjugate. The assay sample and buffer are incubated together with CDC6-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 CDC6 concentration since CDC6 from samples and CDC6-HRP conjugate compete for the anti-CDC6 antibody binding site. Since the number of sites is limited, as more sites are occupied by CDC6 from the sample, fewer sites are left to bind CDC6-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The CDC6 concentration in each sample is interpolated from this standard curve. Intended Uses: This CDC6 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human CDC6. This ELISA kit for research use only, not for therapeutic or test applications!
Product Categories/Family for CDC6 elisa kit	Cell Biology

NCBI AND UNIPROT INFORMATION

NCBI GI #	4502703
NCBI GeneID	990
NCBI Accession #	NP_001245.1
NCBI GenBank Nucleotide #	NM_001254.3
Molecular Weight	62,720 Da
NCBI Official Full Name	cell division control protein 6 homolog
NCBI Official Synonym Full Names	cell division cycle 6
NCBI Official Symbol	CDC6
NCBI Official Synonym Symbols	CDC18L; HsCDC6; HsCDC18
NCBI Protein Information	cell division control protein 6 homolog; p62(cdc6); CDC6-related protein; cdc18-related protein; cell division cycle 6 homolog; CDC6 cell division cycle 6 homolog
UniProt Protein Name	Cell division control protein 6 homolog
UniProt Gene Name	CDC6
UniProt Synonym Gene Names	CDC18L; HsCdc18; HsCDC6
UniProt Entry Name	CDC6_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-control-protein-6-homolog-cdc6/246397>