

Human Cell division cycle protein 20 homolog (CDC20) ELISA Kit | CDC20 elisa kit

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CATALOG #
AAA27181

REACTIVITY
Human

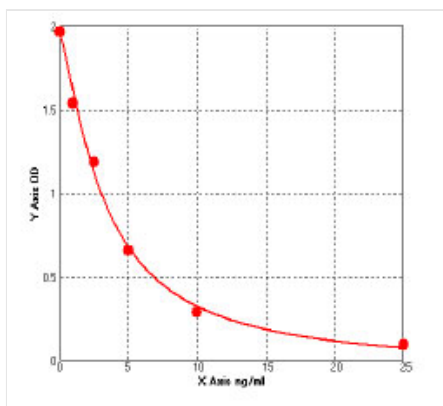
PRODUCT SYNONYMS

Cell division cycle protein 20 homolog (CDC20); Human Cell division cycle protein 20 homolog (CDC20) ELISA Kit; CDC20 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of CDC20. No significant cross-reactivity or interference between CDC20 and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between CDC20 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 CDC20 elisa kit	Principle of the Assay: CDC20 ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-CDC20 antibody and an CDC20-HRP conjugate. The assay sample and buffer are incubated together with CDC20-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 CDC20 concentration since CDC20 from samples and CDC20-HRP conjugate compete for the anti-CDC20 antibody binding site. Since the number of sites is limited, as more sites are occupied by CDC20 from the sample, fewer sites are left to bind CDC20-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The CDC20 concentration in each sample is interpolated from this standard curve. Intended Uses: This CDC20 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human CDC20. This ELISA kit for research use only, not for therapeutic or diagnostic applications!
Product Categories/Family for CDC20 elisa kit	Cell Biology

NCBI AND UNIPROT INFORMATION

NCBI GI #	118402582
NCBI GeneID	991
NCBI Accession #	NP_001246.2
NCBI GenBank Nucleotide #	NM_001255.2
Molecular Weight	54,723 Da
NCBI Official Full Name	cell division cycle protein 20 homolog
NCBI Official Synonym Full Names	cell division cycle 20
NCBI Official Symbol	CDC20
NCBI Official Synonym Symbols	CDC20A; p55CDC; bA276H19.3
NCBI Protein Information	cell division cycle protein 20 homolog; cell division cycle 20 homolog; CDC20 cell division cycle 20 homolog
UniProt Protein Name	Cell division cycle protein 20 homolog
UniProt Gene Name	CDC20
UniProt Entry Name	CDC20_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/cell-division-cycle-protein-20-homolog-cdc20/27181>