

Human Cyclin E ELISA Kit | CE elisa kit

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CATALOG #
AAA83027

REACTIVITY
Human

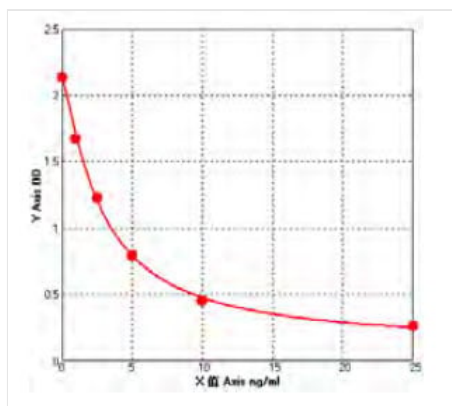
PRODUCT SYNONYMS

Cyclin E; Human Cyclin E ELISA Kit; CE elisa kit

PRODUCT SPECIFICATIONS

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

NCBI AND UNIPROT INFORMATION

NCBI GI #	1117990
Molecular Weight	45,150 Da
NCBI Official Full Name	cyclin E, partial
UniProt Protein Name	G1/S-specific cyclin-E1
UniProt Gene Name	CCNE1
UniProt Synonym Gene Names	CCNE
UniProt Entry Name	CCNE1_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/ce-human-elisa-kits/cyclin-e/83027>