

Human Cyclin B2 (CCNB2) ELISA Kit | CCNB2 elisa kit

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CATALOG #
AAA67081

REACTIVITY
Human

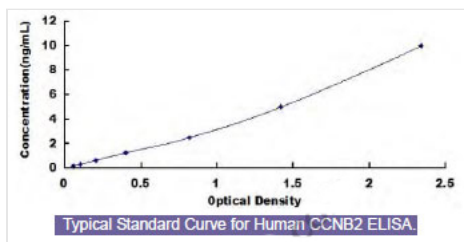
PRODUCT SYNONYMS

Cyclin B2 (CCNB2); Human Cyclin B2 (CCNB2) ELISA Kit; CCN-B2; G2/mitotic-specific cyclin-B2; CCNB2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of CCNB2. No significant cross-reactivity or interference between CCNB2 and analogues was observed.
Sequence Length	398
Samples	Tissue homogenates, cell lysates and other biological fluids.
Assay Type	Sandwich
Detection Range	0.156-10ng/mL
Sensitivity	0.066ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level CCNB2 were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level CCNB2 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CCNB2 elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of CCNB2 in human tissue homogenates, cell lysates and other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to CCNB2. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to CCNB2. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain CCNB2, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of CCNB2 in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4757930
NCBI GeneID	9133
NCBI Accession #	NP_004692.1
NCBI GenBank Nucleotide #	NM_004701.3
UniProt Accession #	O95067; Q6FI99; B3KM93
Molecular Weight	45,282 Da
NCBI Official Full Name	G2/mitotic-specific cyclin-B2
NCBI Official Synonym Full Names	cyclin B2
NCBI Official Symbol	CCNB2
NCBI Official Synonym Symbols	HsT17299
NCBI Protein Information	G2/mitotic-specific cyclin-B2
UniProt Protein Name	G2/mitotic-specific cyclin-B2
UniProt Gene Name	CCNB2

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.