

Human Cyclin-B ELISA Kit | CCNB elisa kit

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CATALOG #
AAA102468

REACTIVITY
Human

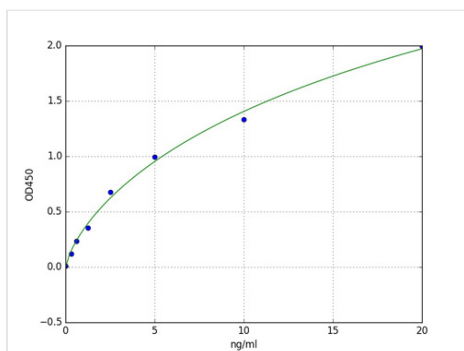
PRODUCT SYNONYMS

Cyclin-B; Human Cyclin-B ELISA Kit; CCNB/CCNB1/cyclin B1/G2; mitotic-specific cyclin B1/G2; mitotic-specific cyclin-B1; CCNB elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	528
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.313-20ng/ml
Sensitivity	0.188ng/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

Typical Data & Standard Curve
Results of a typical standard run of a Human CCNB ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	ng/ml	0	0.313	0.625	1.25	2.5	5	10	20
Y	OD450	0.009	0.124	0.230	0.391	0.699	0.993	1.321	1.931

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CCNB elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. anti-Human CCNB antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Human CCNB antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the Human CCNB amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Human CCNB can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #

386768468

NCBI GeneID	37618
NCBI Accession #	NP_726245.2
NCBI GenBank Nucleotide #	NM_166556.3
Molecular Weight	55,923 Da
NCBI Official Full Name	cyclin B, isoform E
NCBI Official Synonym Full Names	Cyclin B
NCBI Official Symbol	CycB
NCBI Official Synonym Symbols	2g; 3510; CG3510; chr2R:18312808..18312907; cyc B; Cyc B; cyc-B; CYC-B; cycB; Cycb; CYCB; cyclin B; cyclinB; Dmcyb; DmelCG3510; mAbF2F4
NCBI Protein Information	CG3510 gene product from transcript CG3510-RE
UniProt Protein Name	G2/mitotic-specific cyclin-B
UniProt Gene Name	CycB
UniProt Entry Name	CCNB_DROME

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/ccnb-human-elisa-kits/cyclin-b/102468>