

Rat Cyclin-A2 ELISA Kit | CCNA2 elisa kit

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CATALOG #
AAA244901

REACTIVITY
Rat

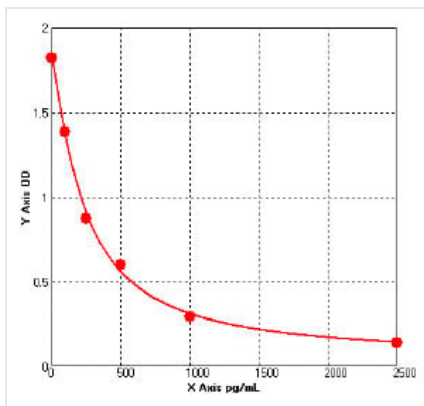
PRODUCT SYNONYMS

Cyclin-A2; Rat Cyclin-A2 ELISA Kit; CCNA2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of CCNA2. No significant cross-reactivity or interference between CCNA2 and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between CCNA2 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	1.0 pg/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CCNA2 elisa kit	Intended Uses: This CCNA2 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Rat CCNA2. This ELISA kit for research use only, not for therapeutic or test applications! Principle of the Assay: CCNA2 ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-CCNA2 antibody and an CCNA2-HRP conjugate. The assay sample and buffer are incubated together with CCNA2-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 CCNA2 concentration since CCNA2 from samples and CCNA2-HRP conjugate compete for the anti-CCNA2 antibody binding site. Since the number of sites is limited, as more sites are occupied by CCNA2 from the sample, fewer sites are left to bind CCNA2-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The CCNA2 concentration in each sample is interpolated from this standard curve.
Product Categories/Family for CCNA2 elisa kit	Cell Biology

NCBI AND UNIPROT INFORMATION

NCBI GI #	4502613
NCBI GeneID	890
NCBI Accession #	NP_001228.1
NCBI GenBank Nucleotide #	NM_001237.3
Molecular Weight	48,551 Da
NCBI Official Full Name	cyclin-A2
NCBI Official Synonym Full Names	cyclin A2
NCBI Official Symbol	CCNA2
NCBI Official Synonym Symbols	CCN1; CCNA
NCBI Protein Information	cyclin-A2
UniProt Protein Name	Cyclin-A2
UniProt Gene Name	CCNA2
UniProt Synonym Gene Names	CCN1; CCNA; Cyclin-A
UniProt Entry Name	CCNA2_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/ccna2-rat-elisa-kits/cyclin-a2/244901>