CCNA1 (Human) Cell-Based ELISA Kit

Catalog # KA2716 Size 1 Kit

Specification

Product Description	CCNA1 (Human) Cell-Based ELISA Kit is an indirect enzyme-linked immunoassay for qualitative det ermination of CCNA1 expression in cultured cells.
Suitable Sample	Attached Cell, Loosely Attached Cell, Suspension Cell
Label	HRP-conjugated
Detection Method	Colorimetric
Assay Type	Qualitative
Reactivity	Human, Mouse, Rat
Regulation Status	For research use only (RUO)
Storage Instruction	Store the kit at 4°C.

Applications

- Qualitative

Gene Info — CCNA1

Entrez GeneID	8900
Protein Accession#	P78396
Gene Name	CCNA1
Gene Alias	-
Gene Description	cyclin A1

Copyright © 2023 Abnova Corporation. All Rights Reserved.

Omim ID	604036
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene belongs to the highly conserved cyclin family, whose members are characterized by a dramatic periodicity in protein abundance through the cell cycle. Cyclins function as regulators of CDK kinases. Different cyclins exhibit distinct expression and degradation patterns which contribute to the temporal coordination of each mitotic event. The cyclin encoded by this gene was shown to be expressed in testis and brain, as well as in several leukemic cell lines, and is thought to primarily function in the control of the germline meiotic cell cycle. This cyclin binds both CDK2 and CDC2 kinases, which give two distinct kinase activities, one appearing in S phase, the other in G2, and thus regulate separate functions in cell cycle. This cyclin was found to bind to important cell cycle regulators, such as Rb family proteins, transcription factor E2F-1, and the p21 family proteins. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq
Other Designations	-

Pathway

- Acute myeloid leukemia
- Cell cycle
- Pathways in cancer

Disease

- Genetic Predisposition to Disease
- Infertility
- Ovarian Neoplasms

Copyright © 2023 Abnova Corporation. All Rights Reserved.