

# CCNE2 (Human) Cell-Based ELISA Kit

Catalog # KA2723

Size 1 Kit

## Specification

|                            |  |
|----------------------------|--|
| <b>Product Description</b> | CCNE2 (Human) Cell-Based ELISA Kit is an indirect enzyme-linked immunoassay for qualitative determination of CCNE2 expression in cultured cells. |
| <b>Suitable Sample</b>     | Attached Cell, Loosely Attached Cell, Suspension Cell  |
| <b>Label</b>               | HRP-conjugated   |
| <b>Detection Method</b>    | Colorimetric   |
| <b>Assay Type</b>          | Qualitative  |
| <b>Reactivity</b>          | Human, Mouse   |
| <b>Regulation Status</b>   | For research use only (RUO)  |
| <b>Storage Instruction</b> | Store the kit at 4°C.  |

## Applications

- Qualitative

## Gene Info — CCNE2

|                           |                        |
|---------------------------|------------------------|
| <b>Entrez GeneID</b>      | <a href="#">9134</a>   |
| <b>Protein Accession#</b> | <a href="#">O96020</a> |
| <b>Gene Name</b>          | CCNE2                  |
| <b>Gene Alias</b>         | CYCE2                  |
| <b>Gene Description</b>   | cyclin E2              |

Omim ID [603775](#)

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. This cyclin forms a complex with and functions as a regulatory subunit of CDK2. This cyclin has been shown to specifically interact with CIP/KIP family of CDK inhibitors, and plays a role in cell cycle G1/S transition. The expression of this gene peaks at the G1-S phase and exhibits a pattern of tissue specificity distinct from that of cyclin E1. A significantly increased expression level of this gene was observed in tumor-derived cells. [provided by RefSeq]

Other Designations G1/S-specific cyclin E2

## Pathway

- [Cell cycle](#)
- [p53 signaling pathway](#)
- [Pathways in cancer](#)
- [Prostate cancer](#)
- [Small cell lung cancer](#)

## Disease

- [Genetic Predisposition to Disease](#)
- [Ovarian Neoplasms](#)