

Human cyclin E1 ELISA Kit | CCNE1 elisa kit

Human G1/S-specific cyclin-E1, CCNE1 ELISA Kit

CATALOG #
AAA18149

REACTIVITY
Human

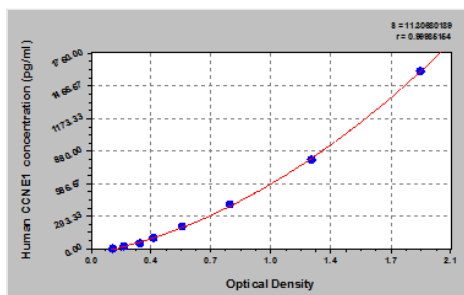
PRODUCT SYNONYMS

cyclin E1; Human G1/S-specific cyclin-E1; CCNE1 ELISA Kit; Human G1/S-specific cyclin-E1 (CCNE1) ELISA kit; CCNE; cyclin Es; cyclin Et; CCNE1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human CCNE1. No significant cross-reactivity or interference between human CCNE1 and analogues was observed.
Sequence Length	410
Samples	Serum, plasma, tissue homogenates, cell lysates
Assay Type	Quantitative Sandwich
Detection Range	25 pg/ml-1600 pg/ml
Sensitivity	< 6.25 pg/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CCNE1 elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for CCNE1 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any CCNE1 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for CCNE1 is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of CCNE1 bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	17318559
NCBI GeneID	898
NCBI Accession #	NP_001229.1
NCBI GenBank Nucleotide #	NM_001238.2
UniProt Accession #	P24864; Q14091; Q8NFG1; Q92501; Q9UD21; A8K684
Molecular Weight	47,077 Da
NCBI Official Full Name	G1/S-specific cyclin-E1
NCBI Official Synonym Full Names	cyclin E1
NCBI Official Symbol	CCNE1
NCBI Official Synonym Symbols	CCNE
NCBI Protein Information	G1/S-specific cyclin-E1; cyclin Es; cyclin Et; cyclin E variant ex5del; cyclin E variant ex7del
UniProt Protein Name	G1/S-specific cyclin-E1
UniProt Gene Name	CCNE1
UniProt Synonym Gene Names	CCNE
UniProt Entry Name	CCNE1_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.