

Rat Cyclin D2 ELISA Kit | CCND2 elisa kit

Rat Cyclin D2 ELISA Kit

CATALOG #
AAA98761

REACTIVITY
Rat

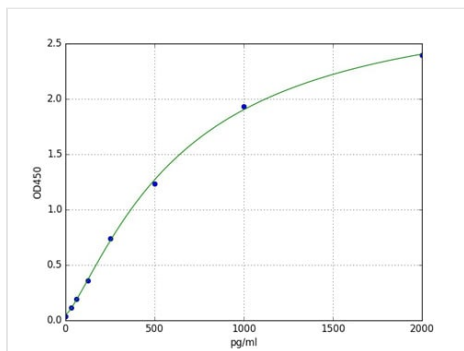
PRODUCT SYNONYMS

Cyclin D2; Rat Cyclin D2 ELISA Kit; CCND2/G1; S-specific cyclin-D2; CCND2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	240
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	31.25-2000pg/ml
Sensitivity	18.75pg/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 Rat CCND2 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	pg/ml	0	31.2	62.5	125	250	500	1000	2000
Y	OD450	0.023	0.095	0.177	0.302	0.383	0.973	1.409	2.028

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CCND2 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-Rat CCND2 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Rat CCND2 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 Rat CCND2 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Rat CCND2 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #

180010

NCBI GeneID	894
Molecular Weight	24,461 Da
NCBI Official Full Name	cyclin D2, partial
NCBI Official Synonym Full Names	cyclin D2
NCBI Official Symbol	CCND2
NCBI Official Synonym Symbols	MPPH3; KIAK0002
NCBI Protein Information	G1/S-specific cyclin-D2
UniProt Protein Name	G1/S-specific cyclin-D2
UniProt Gene Name	CCND2
UniProt Entry Name	CCND2_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/ccnd2-rat-elisa-kits/cyclin-d2/98761>