

Rat Cyclin D3 ELISA Kit | CCND3 elisa kit

Rat Cyclin D3 ELISA Kit

CATALOG #
AAA101536

REACTIVITY
Rat

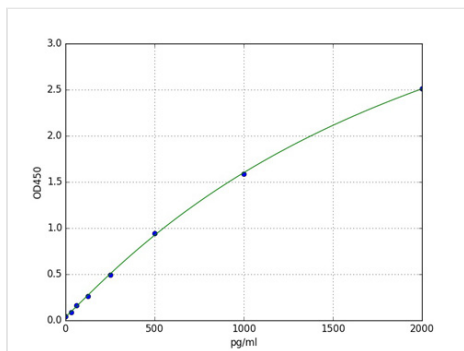
PRODUCT SYNONYMS

Cyclin D3; Rat Cyclin D3 ELISA Kit; CCND3/CCND3/cyclin D3/D3-type cyclin/G1/S-specific cyclin D3/G1/S-specific cyclin-D3; CCND3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	292
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 CCND3 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	0.077	0.091	0.108	0.163	0.251	0.330	1.029	2.039

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CCND3 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-Rat CCND3 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Rat CCND3 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 CCND3 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Rat CCND3 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #

181247

NCBI GeneID	896
Molecular Weight	9,736 Da
NCBI Official Full Name	cyclin D3
NCBI Official Synonym Full Names	cyclin D3
NCBI Official Symbol	CCND3
NCBI Protein Information	G1/S-specific cyclin-D3
UniProt Protein Name	G1/S-specific cyclin-D3
UniProt Gene Name	CCND3
UniProt Entry Name	CCND3_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/ccnd3-rat-elisa-kits/cyclin-d3/101536>