

Rat G1/S-specific cyclin-D1 ELISA Kit | Ccnd1 elisa kit

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CATALOG #
AAA102087

REACTIVITY
Rat

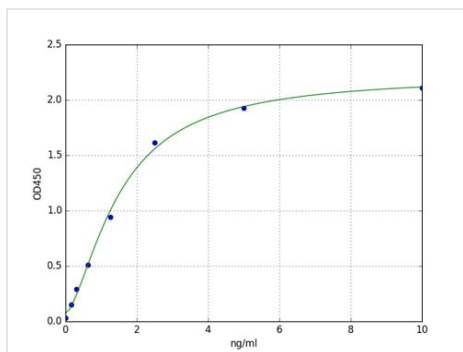
PRODUCT SYNONYMS

G1/S-specific cyclin-D1; Rat G1/S-specific cyclin-D1 ELISA Kit; Ccnd1/BCL-1/PRAD1 oncogene/B-cell lymphoma 1 protein/BCL-1 oncogene/BCL1/PRAD1/Cyclin-D1/Cyl-1/cyclin D1/G1/S-specific cyclin D1/G1/S-specific cyclin-D1/PRAD1B-cell CLL/lymphoma 1; Ccnd1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	295
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.156-10ng/ml
Sensitivity	0.094ng/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)

Results of a typical standard run of a Rat Ccnd1 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	ng/ml	0	0.156	0.313	0.625	1.25	2.5	5	10
Y	OD450	0.107	0.200	0.282	0.447	0.685	1.327	2.163	2.827

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Ccnd1 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. anti-Rat Ccnd1 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Rat Ccnd1 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 Ccnd1 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Rat Ccnd1 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	148356229
NCBI GeneID	58919
NCBI Accession #	NP_741989.3
NCBI GenBank Nucleotide #	NM_171992.4
Molecular Weight	33,483 Da
NCBI Official Full Name	G1/S-specific cyclin-D1
NCBI Official Synonym Full Names	cyclin D1
NCBI Official Symbol	Ccnd1
NCBI Protein Information	G1/S-specific cyclin-D1
UniProt Protein Name	G1/S-specific cyclin-D1
UniProt Gene Name	Ccnd1
UniProt Entry Name	CCND1_RAT

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/ccnd1-rat-elisa-kits/g1-s-specific-cyclin-d1/102087>