

Rat CCND1 ELISA Kit | CCND1 elisa kit

Rat CCND1 (Cyclin D1) ELISA Kit

CATALOG #
AAA164678

REACTIVITY
Rat

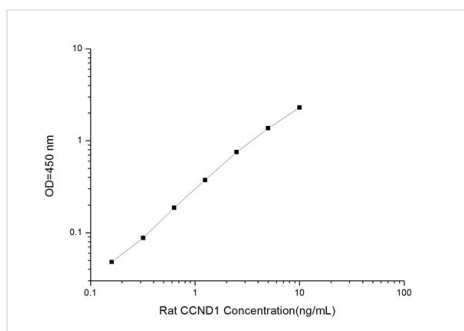
PRODUCT SYNONYMS

CCND1; Rat CCND1 (Cyclin D1) ELISA Kit; CCND1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of Rat CCND1. No significant cross-reactivity or interference between Rat CCND1 and analogues was observed. Note: Limited by current skills and knowledge, it is impossible for us to complete the cross- reactivity detection between Rat CCND1 and all the analogues, therefore, cross reaction may still exist.
Sequence Length	295
Samples	Serum, Plasma, Biological Fluids
Assay Type	Sandwich
Detection Range	0.156-10ng/mL
Sensitivity	Min: 0.094ng/mL; Max: 10ng/mL
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CCND1 elisa kit	Description: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of CCND1 in Rat serum, plasma and other biological fluids Principle of the Assay: This ELISA kit uses Sandwich-ELISA as the method. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to Rat CCND1. Standards or samples are added to the appropriate micro ELISA plate wells and bound by the specific antibody. Then a biotinylated detection antibody specific for Rat CCND1 and Avidin-Horseradish Peroxidase (HRP) conjugate is added to each micro plate well successively and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain Rat CCND1, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The OD value is proportional to the concentration of Rat CCND1. You can calculate the concentration of Rat CCND1 in the samples by comparing the OD of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	49457151
NCBI GeneID	595
UniProt Accession #	Q6FI00; P24385
Molecular Weight	33,729 Da
NCBI Official Full Name	CCND1, partial
NCBI Official Synonym Full Names	cyclin D1
NCBI Official Symbol	CCND1
NCBI Official Synonym Symbols	BCL1; PRAD1; U21B31; D11S287E
NCBI Protein Information	G1/S-specific cyclin-D1; B-cell CLL/lymphoma 1; B-cell lymphoma 1 protein; BCL-1 oncogene; PRAD1 oncogene
UniProt Protein Name	CCND1 protein
UniProt Gene Name	CCND1
UniProt Entry Name	Q6FI00_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://www.aaabiotech.com/rat-elisa-kits/ccnd1/164678>