

Porcine Cyclin D1 ELISA Kit | CCND1 elisa kit

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CATALOG #
AAA93196

REACTIVITY
Porcine

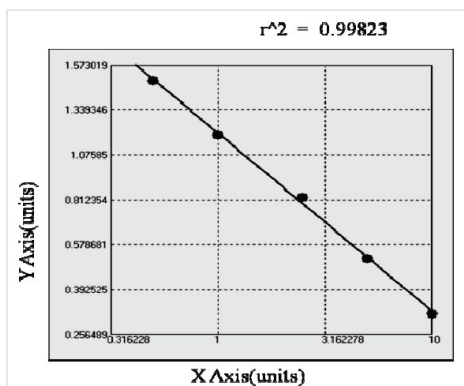
PRODUCT SYNONYMS

Cyclin D1; Porcine Cyclin D1 ELISA Kit; CCND1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Porcine
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	0.1 ng/mL.
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CCND1 elisa kit

Intended Uses: This CCND1 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Porcine CCND1. This ELISA kit for research use only!

Principle of the Assay: CCND1 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-CCND1 antibody and an CCND1-HRP conjugate. The assay sample and buffer are incubated together with CCND1-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the CCND1 concentration since CCND1 from samples and CCND1-HRP conjugate compete for the anti-CCND1 antibody binding site. Since the number of sites is limited, as more sites are occupied by CCND1 from the sample, fewer sites are left to bind CCND1-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The CCND1 concentration in each sample is interpolated from this standard curve.

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; BCL-1 oncogene; PRAD1 oncogene; B-cell CLL/lymphoma 1; B-cell lymphoma 1 protein
UniProt Protein Name	CCND1 protein
UniProt Gene Name	CCND1
UniProt Synonym Gene Names	hCG_2016647
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/ccnd1-porcine-elisa-kits/cyclin-d1/93196>