

Rabbit Cyclin D3 ELISA Kit | CCND3 elisa kit

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CATALOG #
AAA81853

REACTIVITY
Rabbit

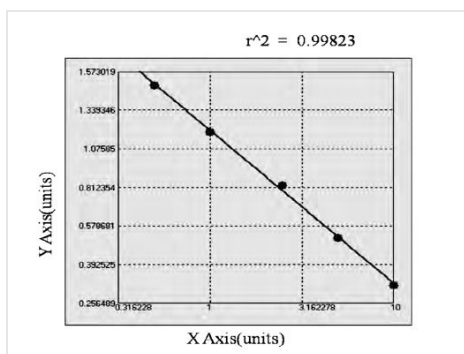
PRODUCT SYNONYMS

Cyclin D3; Rabbit Cyclin D3 ELISA Kit; CCND3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rabbit
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	0.1 ng/mL.
Intended Uses	This DyD3 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Rabbit DyD3. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CCND3 elisa kit

Principle of the assay: DyD3 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-DyD3 antibody and an DyD3-HRP conjugate. The assay sample and buffer are incubated together with DyD3-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 DyD3 concentration since DyD3 from samples and DyD3-HRP conjugate compete for the anti-DyD3 antibody binding site. Since the number of sites is limited, as more sites are occupied by DyD3 from the sample, fewer sites are left to bind DyD3-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The DyD3 concentration in each sample is interpolated from this standard curve.

Product Categories/Family for CCND3 elisa kit

Cell Biology

NCBI AND UNIPROT INFORMATION

NCBI GI #	49457486
NCBI GeneID	896
UniProt Accession #	P30281; Q5T8J0; Q6FG62; Q96F49; B2RD63; B3KQ22; E9PAS4; E9PB36
Molecular Weight	9,736 Da
NCBI Official Full Name	CCND3
NCBI Official Synonym Full Names	cyclin D3
NCBI Official Symbol	CCND3
NCBI Protein Information	G1/S-specific cyclin-D3; D3-type cyclin; 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-rabbit-elisa-kits/cyclin-d3/81853>