

Human Cyclin-D2 ELISA Kit | CD2 elisa kit

Human Cyclin-D2 ELISA Kit

CATALOG #
AAA87027

REACTIVITY
Human

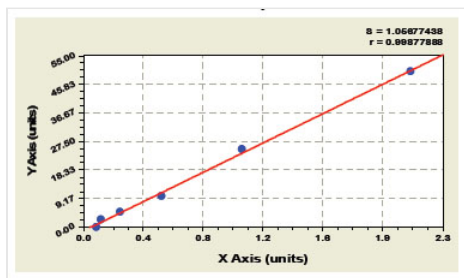
PRODUCT SYNONYMS

Cyclin-D2; Human Cyclin-D2 ELISA Kit; Human Cyclin-D2 (CD2) ELISA Kit; Cyclin-D2 (Human); CD2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Sandwich
Detection Range	2.5-50ng/mL
Sensitivity	0.1ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CD2 elisa kit

Intended Uses: This CCND2 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human CCND2. This ELISA kit for research use only!

Principle of the Assay: CCND2 ELISA kit applies the quantitative sandwich enzyme immunoassay technique. The microtiter plate has been pre-coated with a monoclonal antibody specific for CCND2. Standards or samples are then added to the microtiter plate wells and CCND2 if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of CCND2 present in the sample, a standardized preparation of horseradish peroxidase (HRP)-conjugated polyclonal antibody, specific for CCND2 are added to each well to "sandwich" the CCND2 immobilized on the plate. The microtiter plate undergoes incubation, and then the wells are thoroughly washed to remove all unbound components. Next, substrate solutions are added to each well. The enzyme (HRP) and substrate are allowed to react over a short incubation period. Only those wells that contain CCND2 and enzyme-conjugated antibody will exhibit a change in color. The enzyme-substrate reaction is terminated by addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The CCND2 concentration in each sample is interpolated from this standard curve.

Product Categories/Family for CD2 elisa kit

Human ELISA Kit

NCBI AND UNIPROT INFORMATION

NCBI GI #	306518584
NCBI GeneID	677855
NCBI Accession #	NP_001182402.1
NCBI GenBank Nucleotide #	NM_001195473.1
NCBI Official Full Name	CD2 molecule
NCBI Official Symbol	CD2
NCBI Protein Information	CD2 molecule; cluster of differentiation 2

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/cd2-human-elisa-kits/cyclin-d2/87027>