

Human Cyclin O (CCNO) ELISA Kit | CCNO elisa kit

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CATALOG #
AAA244737

REACTIVITY
Human

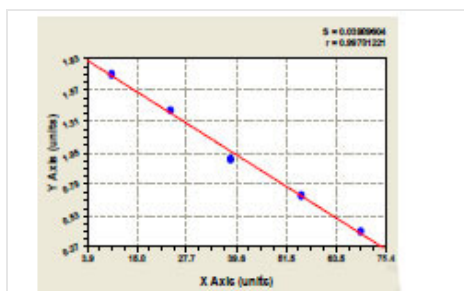
PRODUCT SYNONYMS

Cyclin O (CCNO); Human Cyclin O (CCNO) ELISA Kit; CCNO elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Assay Type	Quantitative Competitive
Sensitivity	0.1 ng/mL.
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



ADDITIONAL INFORMATION

Related Product Information for CCNO elisa kit

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

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

Product Categories/Family for CCNO elisa kit

Cell Biology

NCBI AND UNIPROT INFORMATION

NCBI GI #	153791755
NCBI GeneID	10309
NCBI Accession #	NP_066970.3
NCBI GenBank Nucleotide #	NM_021147.4
Molecular Weight	14,297 Da
NCBI Official Full Name	cyclin-O
NCBI Official Synonym Full Names	cyclin O
NCBI Official Symbol	CCNO
NCBI Official Synonym Symbols	CCNU; UDG2; CILD29
NCBI Protein Information	cyclin-O; cyclin U; cyclin domain containing
UniProt Protein Name	Cyclin-O
UniProt Gene Name	CCNO
UniProt Entry Name	CCNO_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/human-elisa-kits/cyclin-o-ccno/244737>