

Mouse Cyclin-G1 (CCNG1) ELISA Kit | CCNG1 elisa kit

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CATALOG #
AAA246464

REACTIVITY
Mouse

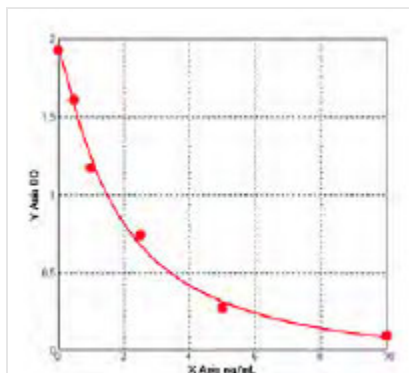
PRODUCT SYNONYMS

Cyclin-G1 (CCNG1); Mouse Cyclin-G1 (CCNG1) ELISA Kit; CCNG1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of CCNG1. No significant cross-reactivity or interference between CCNG1 and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between CCNG1 and all the analogues, therefore, cross reaction may still exist in some cases.
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



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CCNG1 elisa kit	Intended Uses: This CCNG1 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of MouseCCNG1. This ELISA kit for research use only, not for therapeutic or test applications! Principle of the Assay: CCNG1 ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-CCNG1 antibody and an CCNG1-HRP conjugate. The assay sample and buffer are incubated together with CCNG1-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 CCNG1 concentration since CCNG1 from samples and CCNG1-HRP conjugate compete for the anti-CCNG1 antibody binding site. Since the number of sites is limited, as more sites are occupied by CCNG1 from the sample, fewer sites are left to bind CCNG1-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The CCNG1 concentration in each sample is interpolated from this standard curve.
Product Categories/Family for CCNG1 elisa kit	Cell Biology

NCBI AND UNIPROT INFORMATION

NCBI GI #	4757934
NCBI GeneID	900
NCBI Accession #	NP_004051.1
NCBI GenBank Nucleotide #	NM_004060.3
Molecular Weight	34,074 Da
NCBI Official Full Name	cyclin-G1
NCBI Official Synonym Full Names	cyclin G1
NCBI Official Symbol	CCNG1
NCBI Official Synonym Symbols	CCNG
NCBI Protein Information	cyclin-G1
UniProt Protein Name	Cyclin-G1
UniProt Gene Name	CCNG1
UniProt Synonym Gene Names	CCNG; CYCG1; Cyclin-G
UniProt Entry Name	CCNG1_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.