Cyclin-G2 (CCNG2) ELISA Kit for Rabbit

PRODUCT OVERVIEW

Product Name	Cyclin-G2 (CCNG2), ELISA Kit
Full Product Name	Rabbit Cyclin-G2 (CCNG2) ELISA Kit
Product Gene Name	CCNG2 elisa kit
Species Reactivity	Rabbit
Assay Type	Competitive
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Detection Range	5.0-100ng/mL
Sensitivity	1.0ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.
Molecular Weight	34,522 Da
OMIM	603203
Sample Preparation	We suggest pre-experimenting with neat (undiluted) samples, 1:2 or 1:4 dilutions. Please avoid diluting your samples more than 1:10 as it would exceed the dilution limit set for this kit. If the expected concentration of the target is beyond the detection range of the kit, please contact our technical support team
Product Categories/Family for CCNG2 elisa kit	Cell Biology
ISO Certification	Manufactured in an ISO 13485:2016 Certified Laboratory.
Related Product Information for CCNG2 elisa kit	MBS7221002 is a ready-to-use microwell, strip plate ELISA (enzyme-linked immunosorbent assay) Kit for analyzing the presence of the Cyclin-G2 (CCNG2) ELISA Kit target analytes in biological samples. The concentration gradients of the kit standards or positive controls render a theoretical kit detection range in biological research samples containing CCNG2. The ELISA analytical biochemical technique of the MBS7221002 kit is based on CCNG2 antibody-CCNG2 antigen interactions (immunosorbency) and an HRP colorimetric detection system to detect CCNG2 antigen targets in samples. The ELISA Kit is designed to detect native, not recombinant, CCNG2. Appropriate sample types may include undiluted body fluids and/or tissue homogenates, secretions. Quality control assays assessing reproducibility identified the intra-assay CV (%) and inter-assay CV(%).
Other Notes	Small volumes of CCNG2 elisa kit vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for CCNG2. It may not necessarily be applicable to this product.

NCBI GI #	4757936
NCBI GeneID	901
NCBI Accession #	NP_004345.1
UniProt Secondary Accession #	Q6FGA7; Q6FGC6; B4DF25
UniProt Related Accession #	Q16589
GenBank Nucleotide #	NM_004354.2

NCBI Official Full Name	cyclin-G2
NCBI Official Synonym Full Names	cyclin G2
NCBI Official Symbol	CCNG2
UniProt Protein Name	Cyclin-G2
Protein Family	Cyclin
UniProt Gene Name	CCNG2
UniProt Entry Name	CCNG2_HUMAN
NCBI Protein Information	cyclin-G2
NCBI Summary for CCNG2	The eukaryotic cell cycle is governed by cyclin-dependent protein kinases (CDKs) whose activities are regulated by cyclins and CDK inhibitors. The 8 species of cyclins reported in mammals, cyclins A through H, share a conserved amino acid sequence of about 90 residues called the cyclin box. The amino acid sequence of cyclin G is well conserved among mammals. The nucleotide sequence of cyclin G1 and cyclin G2 are 53% identical. Unlike cyclin G1, cyclin G2 contains a C-terminal PEST protein destabilization motif, suggesting that cyclin G2 expression is tightly regulated through the cell cycle. [provided by RefSeq, Jul 2008]
UniProt Comments for CCNG2	CCNG2: May play a role in growth regulation and in negative regulation of cell cycle progession. Belongs to the cyclin family. Cyclin G subfamily. Protein type: Cell cycle regulation Chromosomal Location of Human Ortholog: 4q21.1 Cellular Component: cytoplasm Biological Process: mitosis; cell division; regulation of cell cycle; cell cycle checkpoint
Research Articles on CCNG2	**1.** Cyclin G2-involved invasion in vitro and in vivo.
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

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