UMP-CMP Kinase (CMPK1) ELISA Kit for Pig

PRODUCT OVERVIEW

Product Name	UMP-CMP kinase (CMPK1), ELISA Kit
Full Product Name	Pig UMP-CMP kinase ELISA Kit
Product Gene Name	CMPK1 elisa kit
Product Synonym Names	UMP-CMP kinase; Cytidine monophosphate kinase; Cytidylate kinase; Deoxycytidylate kinase; Uridine monophosphate kinase; Uridine monophosphate/cytidine monophosphate kinase; UMP/CMP kinase
Species Reactivity	Pig
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.
Molecular Weight	22,169 Da
Related Product Information for CMPK1 elisa kit	MBS2887923 is a ready-to-use microwell, strip plate ELISA (enzyme-linked immunosorbent assay) Kit for analyzing the presence of the UMP-CMP kinase (CMPK1) 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 CMPK1. The ELISA analytical biochemical technique of the MBS2887923 kit is based on CMPK1 antibody-CMPK1 antigen interactions (immunosorbency) and an HRP colorimetric detection system to detect CMPK1 antigen targets in samples. The ELISA Kit is designed to detect native, not recombinant, CMPK1. 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 CMPK1 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 CMPK1. It may not necessarily be applicable to this product.

NCBI GI #	71043752
NCBI GeneID	298410
NCBI Accession #	NP_001020826.1
UniProt Related Accession #	Q4KM73
GenBank Nucleotide #	NM_001025655.1
NCBI Official Full Name	UMP-CMP kinase
NCBI Official Synonym Full Names	cytidine/uridine monophosphate kinase 1
NCBI Official Symbol	Cmpk1
NCBI Official Synonym Symbols	CK; Cmpk; RGD1310116
UniProt Protein Name	UMP-CMP kinase
UniProt Synonym Protein Names	Deoxycytidylate kinase
Protein Family	UMP-CMP kinase
UniProt Gene Name	Cmpk1
UniProt Synonym Gene Names	Cmpk; CK; dCMP kinase; UMP/CMP kinase; UMP/CMPK

UniProt Entry Name	KCY_RAT
NCBI Protein Information	UMP-CMP kinase
UniProt Comments for CMPK1	CMPK: Catalyzes specific phosphoryl transfer from ATP to UMP and CMP. Belongs to the adenylate kinase family. Protein type: Kinase, other; EC 2.7.4.6; EC 2.7.4.14; Nucleotide Metabolism - pyrimidine Molecular Function: cytidylate kinase activity; nucleoside diphosphate kinase activity; nucleoside phosphate kinase activity; UMP kinase activity Biological Process: CDP biosynthetic process; dCDP biosynthetic process; dUDP biosynthetic process; nucleoside diphosphate phosphorylation; nucleoside triphosphate biosynthetic process; ovulation cycle process; phthalate metabolic process; UDP biosynthetic process
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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