Pepsinogen C (PGC) ELISA Kit for Mouse

PRODUCT OVERVIEW

Product Name	Pepsinogen C (PGC), ELISA Kit
Full Product Name	Mouse Pepsinogen C (PGC) ELISA Kit
Product Gene Name	PGC elisa kit
Species Reactivity	Mouse
Preparation and Storage	Store all reagents at 2-8 degree C.
Molecular Weight	34,208 Da
OMIM	169740
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for PGC elisa kit	MBS266079 is a ready-to-use microwell, strip plate ELISA (enzyme-linked immunosorbent assay) Kit for analyzing the presence of the Pepsinogen C (PGC) 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 PGC. The ELISA analytical biochemical technique of the MBS266079 kit is based on PGC antibody-PGC antigen interactions (immunosorbency) and an HRP colorimetric detection system to detect PGC antigen targets in samples. The ELISA Kit is designed to detect native, not recombinant, PGC. 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 PGC 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 PGC. It may not necessarily be applicable to this product.

NCBI GI #	387015
NCBI Accession #	AAA60063.1
UniProt Secondary Accession #	Q5T3D7; Q5T3D8; B4DVZ3
NCBI Official Full Name	pepsinogen C
UniProt Protein Name	Gastricsin
UniProt Synonym Protein Names	Pepsinogen C
Protein Family	Gastricsin
UniProt Gene Name	PGC
UniProt Entry Name	PEPC_HUMAN

UniProt Comments for PGC	PGC: Hydrolyzes a variety of proteins. Belongs to the peptidase A1 family. 2 isoforms of the human protein are produced by alternative splicing. Protein type: Secreted; Secreted, signal peptide; EC 3.4.23.3; Protease Chromosomal Location of Human Ortholog: 6p21.1 Cellular Component: extracellular space Molecular Function: aspartic-type endopeptidase activity Biological Process: digestion; proteolysis
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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