Pro Gastrin Releasing (ProGRP) ELISA Kit for Human

PRODUCT OVERVIEW

Product Name	Pro Gastrin Releasing Peptide (ProGRP), ELISA Kit
Full Product Name	Human Pro Gastrin Releasing Peptide ELISA Kit
Product Gene Name	ProGRP elisa kit
Species Reactivity	Human
Preparation and Storage	Store all reagents at 2-8 degree C
Related Product Information for ProGRP elisa kit	MBS057084 is a ready-to-use microwell, strip plate ELISA (enzyme-linked immunosorbent assay) Kit for analyzing the presence of the Pro Gastrin Releasing Peptide (ProGRP) 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 ProGRP. The ELISA analytical biochemical technique of the MBS057084 kit is based on ProGRP antibody-ProGRP antigen interactions (immunosorbency) and an HRP colorimetric detection system to detect ProGRP antigen targets in samples. The ELISA Kit is designed to detect native, not recombinant, ProGRP. 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 ProGRP 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 ProGRP. It may not necessarily be applicable to this product.

NCBI GI #	578832452
NCBI GeneID	2922
NCBI Accession #	XP_006722505.1
GenBank Nucleotide #	XM_006722442.1
NCBI Official Full Name	gastrin-releasing peptide isoform X1
NCBI Summary for ProGRP	This gene encodes a member of the bombesin-like family of gastrin-releasing peptides. Its preproprotein, following cleavage of a signal peptide, is further processed to produce either the 27 aa gastrin-releasing peptide or the 10 aa neuromedin C. These smaller peptides regulate numerous functions of the gastrointestinal and central nervous systems, including release of gastrointestinal hormones, smooth muscle cell contraction, and epithelial cell proliferation. These peptides are also likely to play a role in human cancers of the lung, colon, stomach, pancreas, breast, and prostate. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Jul 2008]
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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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