

Human Pro Gastrin Releasing Peptide (ProGRP) ELISA Kit | ProGRP elisa kit

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CATALOG #
AAA53153

REACTIVITY
Human

PRODUCT SYNONYMS

Pro Gastrin Releasing Peptide (ProGRP); Human Pro Gastrin Releasing Peptide (ProGRP) ELISA Kit; ProGRP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	142
Assay Type	Sandwich
Detection Range	1000 pg/mL-15.6 pg/mL
Sensitivity	Up to 5 pg/mL
Intra-assay Precision	<= 8%
Inter-assay Precision	<= 12%
Preparation and Storage	Store all reagents at 2-8 degree C.

ADDITIONAL INFORMATION

Related Product Information for ProGRP elisa kit

Principle of the Assay: As mentioned above, this kit utilizes the Double Antibody Sandwich ELISA technique. The pre-coated antibody is an anti-Human ProGRP monoclonal antibody, while the detection antibody is a biotinylated polyclonal antibody. Samples and biotinylated antibodies are added into ELISA plate wells and washed out with PBS or TBS after their respective additions to the wells. Then Avidin-peroxidase conjugates are added to the wells in after. TMB substrate is used for coloration after the enzyme conjugate has already been thoroughly washed out of the wells by PBS or TBS. TMB reacts to form a blue product from the peroxidase activity, and finally turns to yellow after addition of the stop solution (Color Reagent C). The color intensity and quantity of target analyte in the sample are positively correlated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	578832452
NCBI GeneID	2922
NCBI Accession #	XP_006722505.1
NCBI GenBank Nucleotide #	XM_006722442.1
Molecular Weight	15,533 Da
NCBI Official Full Name	gastrin-releasing peptide isoform X1
NCBI Official Synonym Full Names	gastrin-releasing peptide
NCBI Official Symbol	GRP
NCBI Official Synonym Symbols	BN; GRP-10; proGRP; preproGRP
NCBI Protein Information	gastrin-releasing peptide; bombesin; prepro-GRP; neuromedin C; pre-progastrin releasing peptide

UniProt Protein Name	Gastrin-releasing peptide
UniProt Gene Name	GRP
UniProt Synonym Gene Names	GRP
UniProt Entry Name	GRP_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.

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Online datasheet: <https://www.aaabiotech.com/human-elisa-kits/pro-gastrin-releasing-peptide-progrp/53153>