

Mouse gastrin-releasing peptide ELISA Kit | GRP elisa kit

Mouse Gastrin-releasing peptide, GRP ELISA Kit

CATALOG #
AAA112867

REACTIVITY
Mouse

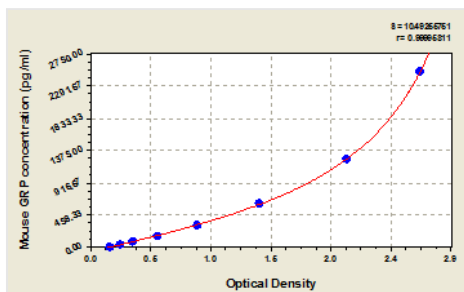
PRODUCT SYNONYMS

gastrin-releasing peptide; Mouse Gastrin-releasing peptide; GRP ELISA Kit; Mouse Gastrin-releasing peptide (GRP) ELISA kit; BN; GRP-10; preproGRP; proGRP; bombesin; neuromedin C; pre-progastrin releasing peptide; GRP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of mouse GRP. No significant cross-reactivity or interference between mouse GRP and analogues was observed.
Sequence Length	146
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, tissue homogenates
Detection Range	39 pg/ml-2500 pg/ml
Sensitivity	< 9.75 pg/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for GRP elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for GRP has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any GRP present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for GRP is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of GRP bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	30424687
NCBI GeneID	225642
NCBI Accession #	NP_778177.1
NCBI GenBank Nucleotide #	NM_175012.3
UniProt Accession #	Q8R1I2; Q3UTL2
Molecular Weight	15,659 Da
NCBI Official Full Name	gastrin-releasing peptide preproprotein
NCBI Official Synonym Full Names	gastrin releasing peptide
NCBI Official Symbol	Grp
NCBI Official Synonym Symbols	BLP
NCBI Protein Information	gastrin-releasing peptide
UniProt Protein Name	Gastrin-releasing peptide
UniProt Gene Name	Grp
UniProt Synonym Gene Names	GRP
UniProt Entry Name	GRP_MOUSE

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://stage.aaabiotech.com/grp-mouse-elisa-kits/gastrin-releasing-peptide/112867>