

Rat Ghrelin/Obestatin Preprohormone (GHRL) ELISA Kit | GHRL elisa kit

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CATALOG #
AAA140139

REACTIVITY
Rat

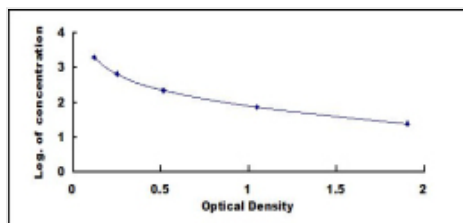
PRODUCT SYNONYMS

Ghrelin/Obestatin Preprohormone (GHRL); Rat Ghrelin/Obestatin Preprohormone (GHRL) ELISA Kit; MTLRP; Preproghrelin; Growth Hormone Secretagogue Receptor Ligand; Appetite-regulating hormone; Growth hormone-releasing peptide; Motilin-related peptide; GHRL elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of Ghrelin/Obestatin Preprohormone (GHRL). No significant cross-reactivity or interference between Ghrelin/Obestatin Preprohormone (GHRL) and analogues was observed.
Sequence Length	104
Assay Type	Competitive Inhibition
Samples	Serum, Plasma and other biological fluids
Detection Range	24.69-2000pg/mL
Sensitivity	10.18pg/mL
Application	Enzyme-linked immunosorbent assay for Antigen Detection.
Intra-assay Precision (Precision within an assay)	3 samples with low, middle and high level Ghrelin/Obestatin Preprohormone (GHRL) were tested 20 times on one plate, respectively.
Inter-assay Precision (Precision between assays)	3 samples with low, middle and high level Ghrelin/Obestatin Preprohormone (GHRL) were tested on 3 different plates, 8 replicates in each plate.
CV(%) =	SD/meanX100
Intra-Assay	CV<10%
Inter-Assay	CV<12%
Preparation and Storage	The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition. To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for GHRL elisa kit	This assay employs the competitive inhibition enzyme immunoassay technique. A monoclonal antibody specific to Ghrelin/Obestatin Preprohormone (GHRL) has been pre-coated onto a microplate. A competitive inhibition reaction is launched between biotin labeled Ghrelin/Obestatin Preprohormone (GHRL) and unlabeled Ghrelin/Obestatin Preprohormone (GHRL) (Standards or samples) with the pre-coated antibody specific to Ghrelin/Obestatin Preprohormone (GHRL). After incubation the unbound conjugate is washed off. Next, avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. The amount of bound HRP conjugate is reverse proportional to the concentration of Ghrelin/Obestatin Preprohormone (GHRL) in the sample. After addition of the substrate solution, the intensity of color developed is reverse proportional to the concentration of Ghrelin/Obestatin Preprohormone (GHRL) in the sample.
Product Categories/Family for GHRL elisa kit	Endocrinology

NCBI AND UNIPROT INFORMATION

NCBI GI #	139948745
NCBI GeneID	798613
NCBI Accession #	NP_001077341.1
NCBI GenBank Nucleotide #	NM_001083872.1
NCBI Official Full Name	ghrelin/obestatin prepropeptide
NCBI Official Synonym Full Names	ghrelin/obestatin prepropeptide
NCBI Official Symbol	ghrl
NCBI Official Synonym Symbols	ghr; ghre
NCBI Protein Information	ghrelin/obestatin prepropeptide

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/rat-elisa-kits/ghrelin-obestatin-preprohormone-ghrl/140139>