

Mouse Ghrelin (GHRL) ELISA Kit | GHRL elisa kit

Mouse Ghrelin (GHRL) Mini Samples ELISA Kit

CATALOG # AAA188725	REACTIVITY Mouse	APPLICATIONS ELISA
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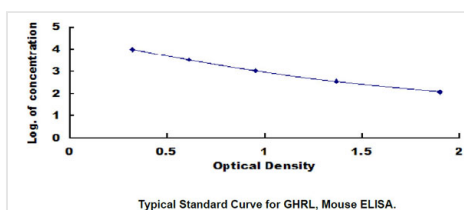
PRODUCT SYNONYMS

Ghrelin (GHRL); Mouse Ghrelin (GHRL) Mini Samples ELISA Kit; Ghrelin; MTLRP; Growth Hormone-Releasing Peptide; GHRL elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of GHRL. No significant cross-reactivity or interference between GHRL and analogues was observed.
Sequence Length	117
Assay Type	Competitive
Samples	Mouse serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids
Detection Range	123.5-10,000pg/mL
Sensitivity	< 50.1pg/mL
Applicable Applications for GHRL elisa kit	ELISA
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level GHRL were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level GHRL were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. 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	Principle of the Assay: This assay employs the competitive inhibition enzyme immunoassay technique. A monoclonal antibody specific to GHRL has been pre-coated onto a microplate. A competitive inhibition reaction is launched between biotin labeled GHRL and unlabeled GHRL (Standards or samples) with the pre-coated antibody specific to 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 GHRL in the sample. After addition of the substrate solution, the intensity of color developed is reverse proportional to the concentration of GHRL in the sample.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	19224664
NCBI GeneID	58991
NCBI Accession #	NP_067463.2
NCBI GenBank Nucleotide #	NP_067463.2
UniProt Accession #	Q9EQX0
NCBI Official Full Name	appetite-regulating hormone isoform 1 preproprotein
NCBI Official Synonym Full Names	ghrelin
NCBI Official Symbol	Ghrl
NCBI Official Synonym Symbols	Ghr; m46; MTLRP; MTLRPAP; 2210006E23Rik
NCBI Protein Information	appetite-regulating hormone
UniProt Protein Name	Appetite-regulating hormone
UniProt Gene Name	Ghrl
UniProt Synonym Gene Names	Mtlrp
UniProt Entry Name	GHRL_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.