

Mouse GHRL (Ghrelin) ELISA Kit | Ghrl elisa kit

Mouse GHRL (Ghrelin) ELISA Kit

CATALOG #
AAA250635

REACTIVITY
Mouse

PRODUCT SYNONYMS

GHRL (Ghrelin); Mouse GHRL (Ghrelin) ELISA Kit; Appetite-regulating hormone; Growth hormone secretagogue; Growth hormone-releasing peptide; Motilin-related peptide; Protein M46; Ghrl; Ghrl elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of Ghrelin. No significant cross-reactivity or interference between Ghrelin and analogues was observed.
Assay Type	Competitive
Samples	Serum, plasma, tissue homogenates and other biological fluids
Detection Range	3.125-200pg/ml
Sensitivity	1.875pg/ml
Intra-assay Precision	CV<8%
Inter-assay Precision	CV<10%
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

ADDITIONAL INFORMATION

Related Product Information for Ghrl elisa kit	Principle of the Assay: This kit was based on Competitive-ELISA detection method. The microtiter plate provided in this kit has been pre-coated with target. During the reaction, target in the sample or standard competes with a fixed amount of target on the solid phase supporter for sites on the Biotinylated Detection Antibody specific to target. Excess conjugate and unbound sample or standard are washed from the plate, and HRP-Streptavidin (SABC) is added to each microplate well and incubated. Then TMB substrate solution is added to each well. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm. The concentration of target in the samples is then determined by comparing the OD of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	19224664
NCBI GeneID	58991
NCBI Accession #	NP_067463.2
NCBI GenBank Nucleotide #	NM_021488.4
UniProt Accession #	Q9EQX0; Q9WUZ1
Molecular Weight	13,207 Da
NCBI Official Full Name	appetite-regulating hormone

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; proghrelin; preproghrelin; motilin-related peptide; growth hormone secretagogue; growth hormone-releasing peptide
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.

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Online datasheet: <https://www.aaabiotech.com/mouse-elisa-kits/ghrl-ghrelin/250635>