

Sheep ghrelin/obestatin prepropeptide (GHRL) ELISA Kit | GHRL elisa kit

Sheep ghrelin/obestatin prepropeptide, GHRL ELISA Kit

CATALOG #
AAA80936

REACTIVITY
Sheep

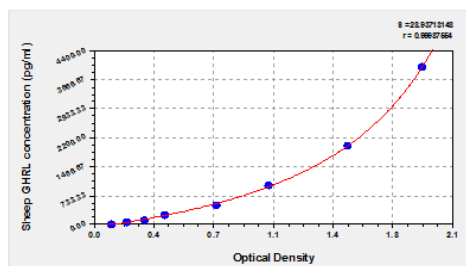
PRODUCT SYNONYMS

ghrelin/obestatin prepropeptide (GHRL); Sheep ghrelin/obestatin prepropeptide; GHRL ELISA Kit; Sheep ghrelin/obestatin prepropeptide (GHRL) ELISA kit; GHRL elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Sheep
Specificity	This assay has high sensitivity and excellent specificity for detection of sheep GHRL. No significant cross-reactivity or interference between sheep GHRL and analogues was observed.
Sequence Length	116
Samples	Serum, plasma, tissue homogenates
Assay Type	Sandwich
Detection Range	62.5 pg/ml -4000 pg/ml.
Sensitivity	The minimum detectable dose of sheep GHRL is typically less than 15.6 pg/ml. The sensitivity of this assay, or Lower Limit of Detection (LLD) was defined as the lowest protein concentration that could be differentiated from zero. It was determined the mean O.D value of 20 replicates of the zero standard added by their three standard deviations.
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 GHRL elisa kit	Principle of the assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for GHRL has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any GHRL present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for GHRL 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 GHRL 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 #	201860279
NCBI GeneID	51738
NCBI Accession #	NP_001128413.1
NCBI GenBank Nucleotide #	NM_001134941.1
UniProt Accession #	Q9UBU3; Q86YP8; Q8TAT9; Q9H3R3; A8CF34; A8CF38; A8CF42; A8DN29; A8DN30
Molecular Weight	12,911 Da
NCBI Official Full Name	appetite-regulating hormone isoform 2 preproprotein
NCBI Official Synonym Full Names	ghrelin/obestatin prepropeptide
NCBI Official Symbol	GHRL
NCBI Official Synonym Symbols	MTLRP
NCBI Protein Information	appetite-regulating hormone; motilin-related peptide; growth hormone secretagogue; ghrelin/obestatin preprohormone; growth hormone-releasing peptide; prepro-appetite regulatory hormone; ghrelin, growth hormone secretagogue receptor ligand
UniProt Protein Name	Appetite-regulating hormone
UniProt Gene Name	GHRL
UniProt Synonym Gene Names	MTLRP; UNQ524/PRO1066; Ghrelin
UniProt Entry Name	GHRL_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/sheep-elisa-kits/ghrelin-obestatin-prepropeptide-ghrl/80936>