

Sheep Ghrelin (GHRL) RTU ELISA Kit | GHRL rtu elisa kit

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CATALOG # AAA70899	REACTIVITY Sheep
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PRODUCT SYNONYMS

Ghrelin (GHRL); Sheep Ghrelin (GHRL) ELISA Kit; MTLRP; Growth Hormone-Releasing Peptide; GHRL rtu elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Sheep
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.
Sequence Length	107
Samples	Human Serum, Plasma, Tissue Homogenates, Cell Lysates, Saliva, Cell Culture Supernates And Other Biological Fluids
Assay Type	Quantitative Competitive
Detection Range	123.5-10,000pg/mL
Sensitivity	49.5pg/mL.
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level ghrelin 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 ghrelin were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kits: All the reagents should be kept at 4 degree C upon receipt. For opened kits: Once the kit is opened, the remaining reagents still need to be stored according to the above storage conditions. In addition, return the unused wells to the foil pouch containing the desiccant pack and reseal along entire edge of zip-seal.

ADDITIONAL INFORMATION

Related Product Information for GHRL rtu elisa kit	Intended Uses: The kit is a competitive inhibition enzyme immunoassay technique for the in vitro quantitative measurement of ghrelin in human serum, plasma, tissue homogenates, cell lysates, saliva, cell culture supernates and other biological fluids. Principle of the Assay: This assay employs the competitive inhibition enzyme immunoassay technique. A monoclonal antibody specific to ghrelin has been pre-coated onto a microplate. A competitive inhibition reaction is launched between biotin labeled ghrelin and unlabeled ghrelin (Standards or samples) with the pre-coated antibody specific to ghrelin. 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 in the sample. After addition of the substrate solution, the intensity of color developed is reverse proportional to the concentration of ghrelin in the sample.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	122138500
NCBI GeneID	442996

UniProt Accession #	Q30DT1
Molecular Weight	11,958 Da
NCBI Official Full Name	Ghrelin
NCBI Official Symbol	GHRL
NCBI Official Synonym Symbols	ghrelin
NCBI Protein Information	appetite-regulating hormone
UniProt Protein Name	Ghrelin
UniProt Gene Name	GHRL

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/sheep-rtu-elisa-kits/ghrelin-ghrl/70899>