

Goat Growth Hormone Releasing Hormone (GHRH) ELISA Kit | GHRH elisa kit

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CATALOG #
AAA67864

REACTIVITY
Goat

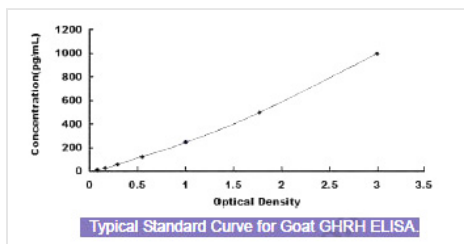
PRODUCT SYNONYMS

Growth Hormone Releasing Hormone (GHRH); Goat Growth Hormone Releasing Hormone (GHRH) ELISA Kit; GRF GHRF Somatocrinin Growth-Hormone-Releasing Factor Sermorelin Somatoliberin; GHRH elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Goat
Specificity	This assay has high sensitivity and excellent specificity for detection of GHRH. No significant cross-reactivity or interference between GHRH and analogues was observed.
Sequence Length	44
Samples	Serum, plasma and other biological fluids.
Assay Type	Sandwich
Detection Range	15.625-1000pg/mL
Sensitivity	6.4pg/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level GHRH 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 GHRH were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for GHRH elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of GHRH in goat serum, plasma and other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to GHRH. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to GHRH. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain GHRH, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of GHRH in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	54042072
NCBI GeneID	102181610
UniProt Accession #	P63293; P01288; Q9MZD4
Molecular Weight	5,109 Da
NCBI Official Full Name	Somatoliberin
UniProt Protein Name	Somatoliberin
UniProt Gene Name	GHRH
UniProt Synonym Gene Names	GRF; GHRH

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/goat-elisa-kits/growth-hormone-releasing-hormone-ghrh/67864>