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

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CATALOG #	REACTIVITY
AAA270900	**Rat**

PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of Rat GHRH. No significant cross-reactivity or interference between Rat GHRH and analogues was observed.
Assay Type	Competitive
Detection Range	15.63-1000 pg/mL
Sensitivity	4.54 pg/mL
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 intra-assay precision.
Inter-assay Precision	Inter-assay Precision (Precision between assays)? CV%<10%. Three samples of known concentration were tested in forty separate assays to assess inter-assay precision.
Preparation and Storage	Store at 2-8 degree C. Stable for 6 months from date of receipt.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for GHRH elisa kit	Principle of the Assay: This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with Growth Hormone Releasing Hormone(GHRH) protein. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Growth Hormone Releasing Hormone(GHRH). Next,Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added. 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 Growth Hormone Releasing Hormone(GHRH) in the samples is then determined by comparing the OD of the samples to the standard curve.
Product Categories/Family for GHRH elisa kit	Endocrinology; Hormone metabolism

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.