

Guinea Pig Growth hormone releasing hormone ELISA Kit | GHRH elisa kit

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CATALOG #
AAA81960

REACTIVITY
Guinea Pig

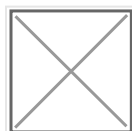
PRODUCT SYNONYMS

Growth hormone releasing hormone; Guinea pig Growth hormone releasing hormone ELISA Kit; GHRH elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Guinea Pig
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	50-1000pg/mL
Sensitivity	1.0pg/mL
Intended Uses	This GHRH ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Guinea pig GHRH. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for GHRH elisa kit

Principle of the assay: GHRH ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-GHRH antibody and an GHRH-HRP conjugate. The assay sample and buffer are incubated together with GHRH-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the GHRH concentration since GHRH from samples and GHRH-HRP conjugate compete for the anti-GHRH antibody binding site. Since the number of sites is limited, as more sites are occupied by GHRH from the sample, fewer sites are left to bind GHRH-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The GHRH concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	1706945
NCBI GeneID	2692
Molecular Weight	47,402 Da

NCBI Official Full Name	growth hormone releasing hormone, partial
NCBI Official Synonym Full Names	growth hormone releasing hormone receptor
NCBI Official Symbol	GHRHR
NCBI Official Synonym Symbols	GRFR; GHRFR; IGHD1B
NCBI Protein Information	growth hormone-releasing hormone receptor; GRF receptor; GHRH receptor
UniProt Protein Name	Growth hormone-releasing hormone receptor
UniProt Gene Name	GHRHR
UniProt Synonym Gene Names	GHRH receptor; GRF receptor; GRFR
UniProt Entry Name	GHRHR_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/ghrh-guinea-pig-pig-elisa-kits/growth-hormone-releasing-hormone/81960>