

Pig gonadotropin-releasing hormone 2 ELISA Kit | GNRH2 elisa kit

Pig Progonadoliberin-2, GNRH2 ELISA Kit

CATALOG # AAA80991	REACTIVITY Pig
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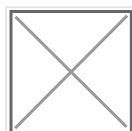
PRODUCT SYNONYMS

gonadotropin-releasing hormone 2; Pig Progonadoliberin-2; GNRH2 ELISA Kit; Pig Progonadoliberin-2 (GNRH2) ELISA kit; GnRH-II; LH-RHII; OTTHUMP00000030076; OTTHUMP00000030077; luliberin II; luteinizing hormone-releasing hormone II; progonadoliberin II; GNRH2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Pig
Specificity	This assay has high sensitivity and excellent specificity for detection of Pig GNRH2. No significant cross-reactivity or interference between Pig GNRH2 and analogues was observed.
Sequence Length	120
Samples	Serum, plasma, tissue homogenates
Assay Type	Competitive
Detection Range	40 pg/ml-8000 pg/ml
Sensitivity	20 pg/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV% is less than 8% Three samples of known concentration were tested twenty times on one plate to assess. Inter-assay Precision (Precision between assays): CV% is less than 10% Three samples of known concentration were tested in twenty assays to assess.
Detection Wavelength	450 nm
Sample Volume	50-100ul
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 GNRH2 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 goat-anti-rabbit antibody. Standards or samples are added to the appropriate microtiter plate wells with an antibody specific for GNRH2 and Horseradish Peroxidase (HRP) conjugated GNRH2. The competitive inhibition reaction is launched between with HRP labeled GNRH2 and unlabeled GNRH2 with the antibody. A substrate solution is added to the wells and the color develops in opposite to the amount of GNRH2 in the sample. The color development is stopped and the intensity of the color is measured.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4504057
NCBI GeneID	2797
NCBI Accession #	NP_001492.1
NCBI GenBank Nucleotide #	NM_001501.1
UniProt Accession #	O43555; Q14C68; Q14C69; Q9BYN9; Q9BYP0
Molecular Weight	12,918 Da
NCBI Official Full Name	progonadoliberin-2 isoform a preproprotein
NCBI Official Synonym Full Names	gonadotropin-releasing hormone 2
NCBI Official Symbol	GNRH2
NCBI Official Synonym Symbols	GnRH-II; LH-RHII
NCBI Protein Information	progonadoliberin-2; luliberin II; progonadoliberin II; luteinizing hormone-releasing hormone II
UniProt Protein Name	Progonadoliberin-2
UniProt Gene Name	GNRH2
UniProt Synonym Gene Names	GnRH II; LH-RH II
UniProt Entry Name	GON2_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://stage.aaabiotech.com/gnrh2-pig-elisa-kits/gonadotropin-releasing-hormone-2/80991>