

Mouse gonadotropin-releasing hormone 1 (luteinizing-releasing hormone) ELISA Kit | GNRH1 elisa kit

Mouse gonadotropin-releasing hormone, GnRH ELISA Kit

CATALOG #
AAA79885

REACTIVITY
Mouse

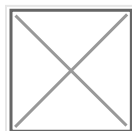
PRODUCT SYNONYMS

gonadotropin-releasing hormone 1 (luteinizing-releasing hormone); Mouse gonadotropin-releasing hormone; GnRH ELISA Kit; GNRH; GRH; LHRH; LNRH; gonadotropin-releasing hormone 1; gonadotropin-releasing hormone 1 (leutinizing-releasing hormone) ; gonadotropin-releasing hormone 1 (lutienizing hormone-releasing hormone) ; GNRH1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of mouse GnRH. No significant cross-reactivity or interference between mouse GnRH and analogues was observed.
Sequence Length	90
Samples	Serum, plasma, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	7.8 pg/ml-500 pg/ml
Sensitivity	< 1.95 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.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
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 GNRH1 elisa kit

Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for GnRH has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any GnRH present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for GnRH is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of GnRH bound in the initial step. The color development is stopped and the intensity of the color is measured.

NCBI AND UNIPROT INFORMATION

NCBI GI #	51093849
NCBI GeneID	14714
NCBI Accession #	NP_032171.1
NCBI GenBank Nucleotide #	NM_008145.2
UniProt Accession #	P13562
Molecular Weight	10,337 Da
NCBI Official Full Name	progonadoliberin-1
NCBI Official Synonym Full Names	gonadotropin releasing hormone 1
NCBI Official Symbol	Gnrh1
NCBI Official Synonym Symbols	hpg; Gnrh; LHRH; Lnrh; Gnrh2; Lhrh1
NCBI Protein Information	progonadoliberin-1; hypogonadal; progonadoliberin I; gonadotropin releasing hormone 2; luteinizing hormone-releasing hormone I
UniProt Protein Name	Progonadoliberin-1
UniProt Gene Name	Gnrh1
UniProt Synonym Gene Names	Gnrh; GnRH-I; LH-RH I
UniProt Entry Name	GON1_MOUSE

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/gnrh1-mouse-elisa-kits/gonadotropin-releasing-hormone-1-luteinizing-releasing-hormone/79885>