

Human Gonadotropin-releasing hormone receptor ELISA Kit | GNRHR elisa kit

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CATALOG #
AAA195544

REACTIVITY
Human

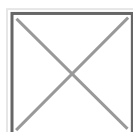
PRODUCT SYNONYMS

Gonadotropin-releasing hormone receptor; Human Gonadotropin-releasing hormone receptor ELISA Kit; GnRH receptor; GnRH-R; GNRHR; GRHR; GNRHR elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Recombinant and natural Human Gonadotropin-releasing hormone receptor, GnRH receptor
Sequence Length	328
Samples	Serum, plasma, tissue homogenates, cell culture supernates or other biological fluids
Detection Range	0.156-10 ng/mL
Sensitivity	<0.076 ng/mL
Intra-assay Precision	Intra-Assay CV: <=5.7%
Inter-assay Precision	Inter-Assay CV: <=9.2%
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for GNRHR elisa kit

Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of target antigen concentrations in serum, plasma, tissue homogenates, cell culture supernates or other biological fluids.

Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to target antigen. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific for target antigen and then avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain target antigen, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of target antigen in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4504059
NCBI GeneID	2798

NCBI Accession #	NP_000397.1
NCBI GenBank Nucleotide #	NM_000406.2
UniProt Accession #	P30968; O75793; Q14D13; Q92644
Molecular Weight	27,727 Da
NCBI Official Full Name	gonadotropin-releasing hormone receptor isoform 1
NCBI Official Synonym Full Names	gonadotropin releasing hormone receptor
NCBI Official Symbol	GNRHR
NCBI Official Synonym Symbols	HH7; GRHR; LRHR; LHRHR; GNRHR1
NCBI Protein Information	gonadotropin-releasing hormone receptor
UniProt Protein Name	Gonadotropin-releasing hormone receptor
UniProt Gene Name	GNRHR
UniProt Synonym Gene Names	GRHR; GnRH receptor; GnRH-R
UniProt Entry Name	GNRHR_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/gnrhr-human-elisa-kits/gonadotropin-releasing-hormone-receptor/195544>