

Human Anti gonadotropin releasing hormone receptor antibody ELISA Kit | GnRHR elisa kit

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CATALOG # AAA87483	REACTIVITY Human
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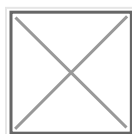
PRODUCT SYNONYMS

Anti gonadotropin releasing hormone receptor antibody; Human Anti gonadotropin releasing hormone receptor antibody ELISA Kit; GnRHR elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	5.0-100ng/mL
Sensitivity	1.0ng/mL
Intended Uses	This GRHRAb ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human GRHRAb. 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 GnRHR elisa kit	<p>Principle of the assay: GRHRAb ELISA kit applies the competitive enzyme immunoassay technique utilizing Gonadotropin Releasing Hormone Receptor antigen and an GRHRAb-HRP conjugate. The assay sample and buffer are incubated together with GRHRAb-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 GRHRAb concentration since GRHRAb from samples and GRHRAb-HRP conjugate compete for the Gonadotropin Releasing Hormone Receptor antigen binding site. Since the number of sites is limited, as more sites are occupied by GRHRAb from the sample, fewer sites are left to bind GRHRAb-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The GRHRAb concentration in each sample is interpolated from this standard curve.</p>
Product Categories/Family for GnRHR elisa kit	Neuroscience

NCBI AND UNIPROT INFORMATION

NCBI GI #	61676184
NCBI GeneID	2798
NCBI Accession #	NP_001012781.1
NCBI GenBank Nucleotide #	NM_001012763.1
Molecular Weight	27,727 Da
NCBI Official Full Name	gonadotropin-releasing hormone receptor isoform 2
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; gnRH-R; gnRH receptor; luliberin receptor; type I GnRH receptor; leutinizing-releasing hormone receptor; leutinizing hormone releasing hormone receptor; gonadotropin-releasing hormone (type 1) receptor 1
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/anti-gonadotropin-releasing-hormone-receptor-antibody/87483>