

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

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CATALOG # AAA84227	REACTIVITY Mouse
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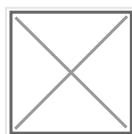
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	100-1000ng/mL
Sensitivity	1.0ng/mL
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>Intended Uses: This GNRHR-Ab ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Mouse GNRHR-Ab. This ELISA kit for research use only!</p> <p>Principle of the Assay GNRHR-Ab ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-GNRHR-Ab antibody and an GNRHR-Ab-HRP conjugate. The assay sample and buffer are incubated together with GNRHR-Ab-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 GNRHR-Ab concentration since GNRHR-Ab from samples and GNRHR-Ab-HRP conjugate compete for the anti-GNRHR-Ab antibody binding site. Since the number of sites is limited, as more sites are occupied by GNRHR-Ab from the sample, fewer sites are left to bind GNRHR-Ab-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The GNRHR-Ab 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
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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-mouse-elisa-kits/anti-gonadotropin-releasing-hormone-receptor-antibody/84227>