

Human Gonadotropin-releasing hormone receptor, GnRHR ELISA Kit | GnRHR elisa kit

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CATALOG #
AAA43718

REACTIVITY
Human

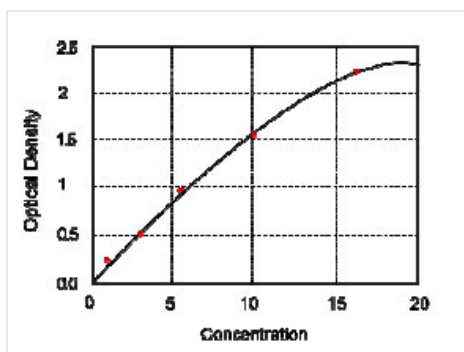
PRODUCT SYNONYMS

Gonadotropin-releasing hormone receptor; GnRHR; Human Gonadotropin-releasing hormone receptor; GnRHR ELISA Kit; GnRHR elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	328
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.1ng/ml - 35ng/ml
Sensitivity	0.048ng/ml
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision. CV(%) = SD/mean x 100. Inter-Assay: CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for GnRHR elisa kit	Intended Uses: This sandwich kit is for the accurate quantitative detection of human Gonadotropin-releasing hormone receptor (also known as GnRHR) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates. Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with human GnRHR antibody. GnRHR present in the sample is added and binds to antibodies coated on the wells. And then biotinylated human GnRHR Antibody is added and binds to GnRHR in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated GnRHR antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of human GnRHR. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	957293
NCBI GeneID	2798
Molecular Weight	27,727 Da
NCBI Official Full Name	gonadotropin releasing hormone receptor, partial
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

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.