

Human Progonadoliberein-1 ELISA Kit | GNRH1 elisa kit

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CATALOG #
AAA102433

REACTIVITY
Human

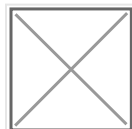
PRODUCT SYNONYMS

Progonadoliberein-1; Human Progonadoliberein-1 ELISA Kit; GNRH1/Progonadoliberein-1/GNRHGRHLHRH/Progonadoliberein I; GNRH1 elisa kit

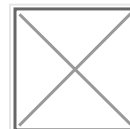
PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	92
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	15.625-1000pg/ml
Sensitivity	9.375pg/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for GNRH1 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-GNRH1 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti- GNRH1 antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the GNRH1 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of GNRH1can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	133908612
NCBI GeneID	2796
NCBI Accession #	NP_001076580.1
NCBI GenBank Nucleotide #	NM_001083111.1
Molecular Weight	10,380 Da

NCBI Official Full Name	progonadoliberin-1 isoform 2 preproprotein
NCBI Official Synonym Full Names	gonadotropin releasing hormone 1
NCBI Official Symbol	GNRH1
NCBI Official Synonym Symbols	GRH; GNRH; LHRH; LNRH
NCBI Protein Information	progonadoliberin-1
UniProt Protein Name	Progonadoliberin-1
UniProt Gene Name	GNRH1
UniProt Synonym Gene Names	GNRH; GRH; LHRH; GnRH-I; LH-RH I
UniProt Entry Name	GON1_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/gnrh1-human-elisa-kits/progonadoliberin-1/102433>