

Human Gonadotropin Releasing Hormone ELISA Kit | GnRH elisa kit

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CATALOG #
AAA100835

REACTIVITY
Human

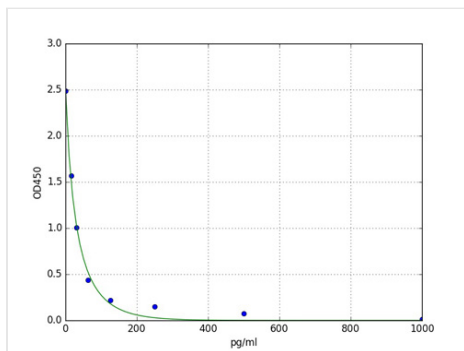
PRODUCT SYNONYMS

Gonadotropin Releasing Hormone; Human Gonadotropin Releasing Hormone ELISA Kit; GnRH (Gonadotropin Releasing Hormone); GnRH elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	99
Assay Type	Competitive ELISA, Coated with Antigen
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)

Typical Data & Standard Curve

Results of a typical standard run of a Human GnRH ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	pg/ml	0	15.6	31.2	62.5	125	250	500	1000
Y	OD450	2.32	1.868	1.597	1.259	0.936	0.658	0.498	0.394

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for GnRH elisa kit

Principle of the Assay||This ELISA kit uses Competitive-ELISA as the method. The microtiter plate provided in this kit has been pre-coated with Human GnRH. During the reaction, Human GnRH in the sample or standard competes with a fixed amount of Human GnRH on the solid phase supporter for sites on the Biotinylated Detection Antibody specific to Human GnRH. Excess conjugate and unbound sample or standard are washed from the plate, and HRP-Streptavidin(SABC) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. 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. The concentration of Human GnRH in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #

379326847

Molecular Weight	11,127 Da
NCBI Official Full Name	gonadotropin releasing hormone, partial
UniProt Protein Name	Gonadotropin releasing hormone
UniProt Entry Name	I1TK91_PARMJ

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/gnrh-human-elisa-kits/gonadotropin-releasing-hormone/100835>