

ARG80913 LH-RH / Gn-RH ELISA Kit

Package: 96 wells
Store at: 4°C

Component

Cat. No.	Component Name	Package	Temp
ARG80913-001	Microtiter Plate	12 x 8 strips	4°C
ARG80913-002	20X assay buffer concentrate	50ml	4°C
ARG80913-003	Acetate Plate sealer (APS)	3 pieces	4°C
ARG80913-004	Primary antibody (Rabbit anti-peptide IgG)	1 vial	4°C
ARG80913-005	Standard peptide	1 vial	4°C
ARG80913-006	Biotinylated peptide	1 vial	4°C
ARG80913-007	Streptavidin-HRP	30 µl	4°C
ARG80913-008	Positive control	2 vials	4°C
ARG80913-009	Substrate Solution (TMB)	12 ml	4°C, ready for use
ARG80913-010	2N HCl	15 ml	4°C, ready for use

Summary

Product Description	ARG80913 LH-RH / Gn-RH ELISA Kit is a Enzyme Immunoassay kit for the quantification of LH-RH / Gn-RH in Blood collection, Plasma extraction, Tissue extraction and CSF extraction
Tested Reactivity	Hu, Ms, Rat, Pig
Tested Application	ELISA
Specificity	Cross-reactivity: LH-RH (Human, Porcine, Rat) (100%); LH-RH (Lamprey) (0%); LH-RH (Salmon) (0%); [D-Trp6, Des-Gly10]-LH-RH Ethylamide (0%); [D-Ala6, Des-Gly10]-LH-RH Ethylamide (0%); GAP (Human) (0%); GRF (Human) (0%); ACTH (Human) (0%)
Target Name	LHRH / GnRH
Conjugation	HRP
Conjugation Note	Substrate: TMB and read at 450 nm
Sensitivity	0.05 ng/ml
Detection Range	0.05 - 1.16 ng/ml
Sample Type	Blood collection, Plasma extraction, Tissue extraction and CSF extraction

Standard Range	0 - 25 ng/ml
Sample Volume	50 µl
Alternate Names	GnRH-I; Progonadoliberin-1; GNRH; LH-RH I; LNRH; LHRH; GnRH-associated peptide I; Luliberin I; Luteinizing hormone-releasing hormone I; HH12; Gonadotropin-releasing hormone I; Gonadorelin; Progonadoliberin I; GRH; Gonadoliberin I

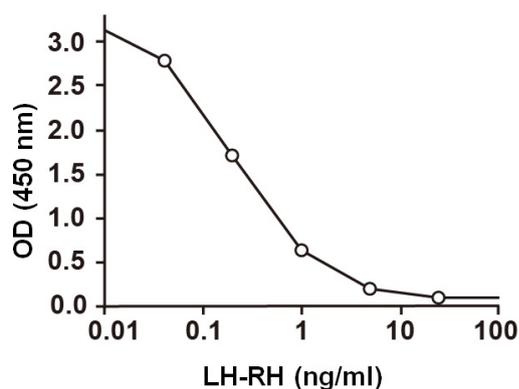
Properties

Form	96 well
Storage instruction	Store the kit at 2-8°C. Keep microplate wells sealed in a dry bag with desiccants. Do not expose test reagents to heat, sun or strong light during storage and usage. Please refer to the product user manual for detail temperatures of the components.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol	GNRH1
Gene Full Name	gonadotropin-releasing hormone 1 (luteinizing-releasing hormone)
Background	LH-RH / Gn-RH is secreted and then cleaved to form the 10 aa luteinizing hormone-releasing hormone (LHRH, also known as gonadoliberin-1), and prolactin release-inhibiting factor (also known as GnRH-associated peptide 1). LHRH stimulates the release of luteinizing and follicle stimulating hormones, which are important for reproduction. Mutation in this gene are associated with hypogonadotropic hypogonadism. Alternatively spliced transcript variants have been described for this gene. [provided by RefSeq, Jul 2012]
Function	Stimulates the secretion of gonadotropins; it stimulates the secretion of both luteinizing and follicle-stimulating hormones. [Uniprot]
Highlight	Related products: LHRH antibodies ; LHRH ELISA Kits ; New ELISA data calculation tool: Simplify the ELISA analysis by GainData
Research Area	Developmental Biology kit; Signaling Transduction kit

Images



ARG80913 LH-RH / Gn-RH ELISA Kit standard curve image

ARG80913 LH-RH / Gn-RH ELISA Kit results of a typical standard run with optical density reading at 450 nm.