

Bovine Luteinizing Hormone-Releasing Hormone ELISA Kit | LHRH elisa kit

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CATALOG #
AAA88622

REACTIVITY
Bovine

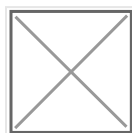
PRODUCT SYNONYMS

Luteinizing Hormone-Releasing Hormone; Bovine Luteinizing Hormone-Releasing Hormone ELISA Kit; LHRH elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Bovine
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Sandwich
Sensitivity	0.01 ng/mL.
Intended Uses	This LHRH ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Bovine LHRH. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for LHRH elisa kit

Principle of the assay: LHRH ELISA kit applies the quantitative sandwich enzyme immunoassay technique. The microtiter plate has been pre-coated with a monoclonal antibody specific for LHRH. Standards or samples are then added to the microtiter plate wells and LHRH if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of LHRH present in the sample, a standardized preparation of horseradish peroxidase (HRP)-conjugated polyclonal antibody, specific for LHRH are added to each well to "sandwich" the LHRH immobilized on the plate. The microtiter plate undergoes incubation, and then the wells are thoroughly washed to remove all unbound components. Next, substrate solutions are added to each well. The enzyme (HRP) and substrate are allowed to react over a short incubation period. Only those wells that contain LHRH and enzyme-conjugated antibody will exhibit a change in color. The enzyme-substrate reaction is terminated by addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The LHRH concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	912832
NCBI GeneID	613033
Molecular Weight	7,573 Da
NCBI Official Full Name	luteinizing hormone-releasing hormone, partial

NCBI Official Symbol	GNRH1
NCBI Official Synonym Symbols	GNRH; LHRH
NCBI Protein Information	progonadoliberin-1; progonadoliberin I; progonadoliberin-1 preproprotein; luteinizing hormone-releasing hormone
UniProt Protein Name	Progonadoliberin-1
UniProt Gene Name	GNRH1
UniProt Synonym Gene Names	GNRH; LHRH; GnRH-I; LH-RH I
UniProt Entry Name	GON1_MACMU

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/lhrh-bovine-ovine-elisa-kits/luteinizing-hormone-releasing-hormone/88622>