Mouse Gonadotropin Releasing Hormone Antibody ELISA Kit | GnRH-Ab elisa kit

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CATALOG #	REACTIVITY
AAA247245	**Mouse**

PRODUCT SYNONYMS

Gonadotropin Releasing Hormone Antibody; Mouse Gonadotropin Releasing Hormone Antibody ELISA Kit; GnRH-Ab elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Assay Type	Quantitative Competitive
Sensitivity	1.0 ng/mL.

IMAGES

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for GnRH-Ab elisa kit	Intended Uses: This anti-GRHAb ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Mouse GRHAb. This ELISA kit for research use only! Principle of the Assay: Anti-GRHAb ELISA kit applies the competitive enzyme immunoassay technique utilizing a GRH antigen and an anti-GRHAb-HRP conjugate. The assay sample and buffer are incubated together with anti-GRHAb-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the anti-GRHAb concentration since anti-GRHAb from samples and anti-GRHAb-HRP conjugate compete for the GRH antigen binding site. Since the number of sites is limited, as more sites are occupied by anti-GRHAb from the sample, fewer sites are left to bind anti-GRHAb-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The anti-GRHAb concentration in each sample is interpolated from this standard curve.

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-ab-mouse-elisa-kits/gonadotropin-releasing-hormone-antibody/247245