

Rat Follicle Stimulating Hormone (FSH) RTU ELISA Kit | FSH rtu elisa kit

Rat Follicle Stimulating Hormone (FSH) ELISA Kit

CATALOG #
AAA219618

REACTIVITY
Rat

PRODUCT SYNONYMS

Follicle Stimulating Hormone (FSH); Rat Follicle Stimulating Hormone (FSH) ELISA Kit; FSH rtu elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of FSH. No significant cross-reactivity or interference between FSH and analogues was observed.
Samples	Serum, plasma or other biological fluids
Assay Type	Quantitative Competitive
Detection Range	0.468-30mIU/mL
Sensitivity	< 0.21mIU/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level FSH were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level FSH were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kits: All the reagents should be kept at 4 degree C upon receipt. For opened kits: Once the kit is opened, the remaining reagents still need to be stored according to the above storage conditions. In addition, return the unused wells to the foil pouch containing the desiccant pack and reseal along entire edge of zip-seal.

ADDITIONAL INFORMATION

Related Product Information for FSH rtu elisa kit

Intended Uses: The kit is a competitive inhibition enzyme immunoassay technique for the in vitro quantitative measurement of FSH in rat serum, plasma or other biological fluids.

Principle of the Assay: This assay employs the competitive inhibition enzyme immunoassay technique. A monoclonal antibody specific to FSH has been pre-coated onto a microplate. A competitive inhibition reaction is launched between biotin labeled FSH and unlabeled FSH (Standards or samples) with the pre-coated antibody specific to FSH. After incubation the unbound conjugate is washed off. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. The amount of bound HRP conjugate is reverse proportional to the concentration of FSH in the sample. After addition of the substrate solution, the intensity of color developed is reverse proportional to the concentration of FSH in the sample.

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://www.aaabiotech.com/rat-rtu-elisa-kits/follicle-stimulating-hormone-fsh/219618>