

Rat Follicle-stimulating hormone ELISA Kit | FSH elisa kit

Rat Follicle-stimulating hormone (FSH) ELISA Kit

CATALOG #
AAA55489

REACTIVITY
Rat

PRODUCT SYNONYMS

Follicle-stimulating hormone; Rat Follicle-stimulating hormone (FSH) ELISA Kit; FSH elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of Rat CC16. No significant cross-reactivity or interference between Rat CC16 and analogues was observed.
Samples	Serum, Plasma And Other Biological Fluids
Assay Type	Quantitative Sandwich
Detection Range	3.12 ng/mL-200 ng/mL
Sensitivity	1.56 ng/mL (mean of 6 independent assays).
Intra-assay Precision	Intra-assay Precision (Precision within an assay) Three samples of known concentration were tested twenty times on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-assay Precision (Precision between assays) Three samples of known concentration were tested in forty separate assays to assess inter-assay precision. CV (%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	Store at 2-8 degree C.

ADDITIONAL INFORMATION

Related Product Information for FSH elisa kit

Intended Uses: For the quantitative detection of Rat Clara cell protein (CC16) concentration in serum, plasma and other biological fluids.

Principle of the Assay: This assay employs a two-site sandwich ELISA to quantitate CC16 in Rat serum, plasma. An antibody specific for CC16 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any CC16 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for CC16 is added to the wells. After washing, Streptavidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of CC16 bound in the initial step. The color development is stopped and the intensity of the color is measured.

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/fsh-rat-elisa-kits/follicle-stimulating-hormone/55489>