

Simian Follicle Stimulating Hormone (FSH) ELISA Kit | FSH elisa kit

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CATALOG #
AAA182116

REACTIVITY
Simian

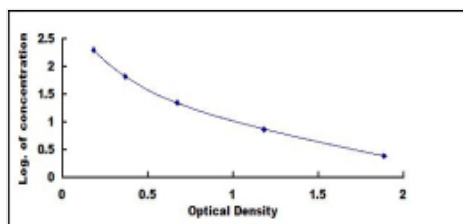
PRODUCT SYNONYMS

Follicle Stimulating Hormone (FSH); Simian Follicle Stimulating Hormone (FSH) ELISA Kit; FSH elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Simian
Specificity	This assay has high sensitivity and excellent specificity for detection of Follicle Stimulating Hormone (FSH). No significant cross-reactivity or interference between Follicle Stimulating Hormone (FSH) and analogues was observed.
Sequence Length	129
Assay Type	Competitive Inhibition
Samples	Serum, Plasma and Other Biological Fluids
Detection Range	2.47-200ng/mL
Sensitivity	< 0.88ng/mL
Application	Enzyme-linked immunosorbent assay for Antigen Detection.
Intra-assay Precision (Precision within an assay)	3 samples with low, middle and high level Follicle Stimulating Hormone (FSH) were tested 20 times on one plate, respectively.
Inter-assay Precision (Precision between assays)	3 samples with low, middle and high level Follicle Stimulating Hormone (FSH) were tested on 3 different plates, 8 replicates in each plate.
CV(%) =	SD/meanX100
Intra-Assay	CV<10%
Inter-Assay	CV<12%
Preparation and Storage	The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition. To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for FSH elisa kit	This assay employs the competitive inhibition enzyme immunoassay technique. A monoclonal antibody specific to Follicle Stimulating Hormone (FSH) has been pre-coated onto a microplate. A competitive inhibition reaction is launched between biotin labeled Follicle Stimulating Hormone (FSH) and unlabeled Follicle Stimulating Hormone (FSH) (Standards or samples) with the pre-coated antibody specific to Follicle Stimulating Hormone (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 Follicle Stimulating Hormone (FSH) in the sample. After addition of the substrate solution, the intensity of color developed is reverse proportional to the concentration of Follicle Stimulating Hormone (FSH) in the sample.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	182762
NCBI GeneID	2488
UniProt Accession #	P01225; Q14D61; A2TF08; A5JVV3
Molecular Weight	14,700 Da
NCBI Official Full Name	follicle-stimulating hormone
NCBI Official Synonym Full Names	follicle stimulating hormone beta subunit
NCBI Official Symbol	FSHB
NCBI Official Synonym Symbols	HH24
NCBI Protein Information	follitropin subunit beta
UniProt Protein Name	Follitropin subunit beta
UniProt Gene Name	FSHB
UniProt Synonym Gene Names	FSH-B; FSH-beta

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/simian-elisa-kits/follicle-stimulating-hormone-fsh/182116>