

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

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CATALOG # AAA65321	REACTIVITY Mouse
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PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Mouse
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.
Sequence Length	130
Samples	Serum, plasma and other biological fluids.
Assay Type	Competitive inhibition
Detection Range	3.125-200ng/mL
Sensitivity	1.49ng/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 kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C.

ADDITIONAL INFORMATION

Related Product Information for FSH elisa kit	Intended Uses: The kit is a competitive inhibition enzyme immunoassay technique for the in vitro quantitative measurement of FSH in serum, plasma and 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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	6679865
NCBI GeneID	14308
NCBI Accession #	NP_032071.1
NCBI GenBank Nucleotide #	NM_008045.3

UniProt Accession #	Q60687
Molecular Weight	14,919 Da
NCBI Official Full Name	follitropin subunit beta
NCBI Official Synonym Full Names	follicle stimulating hormone beta
NCBI Official Symbol	Fshb
NCBI Official Synonym Symbols	FSH; FSH-B; Fshbeta; FSH-beta
NCBI Protein Information	follitropin subunit beta
UniProt Protein Name	Folllitropin 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/mouse-elisa-kits/follicle-stimulating-hormone-fsh/65321>