

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

Human Follicle Stimulating Hormone (FSH) Instant ELISA Kit

CATALOG # AAA188623	REACTIVITY Human	APPLICATIONS ELISA
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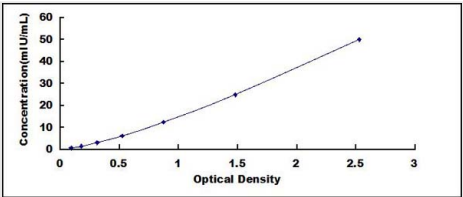
PRODUCT SYNONYMS

Follicle Stimulating Hormone (FSH); Human Follicle Stimulating Hormone (FSH) Instant ELISA Kit; Follicle Stimulating Hormone; FSH elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Instant Follicle Stimulating Hormone (FSH). No significant cross-reactivity or interference between Instant Follicle Stimulating Hormone (FSH) and analogues was observed.
Sequence Length	116
Assay Type	Double-antibody Sandwich
Samples	Serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids
Detection Range	0.78-50mIU/mL
Sensitivity	The minimum detectable dose of this kit is typically less than 0.31mIU/mL
Applicable Applications for FSH elisa kit	ELISA
Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level Instant 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 Instant 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%
Test Principle	The test principle applied in this kit is enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Instant Follicle Stimulating Hormone (FSH). Standards or samples and HRP-labeled detection antibody specific to Instant Follicle Stimulating Hormone (FSH) (Detection Reagent A) are then added to the appropriate microtiter plate wells. Next, TMB substrate solution is added, only those wells that contain Instant Follicle Stimulating Hormone (FSH), and HRP-labeled detection antibody will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of Instant Follicle Stimulating Hormone (FSH) in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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)

NCBI AND UNIPROT INFORMATION

NCBI GI #	546845
NCBI GeneID	1081
UniProt Accession #	P01215
NCBI Official Full Name	thyroid-stimulating hormone alpha subunit
NCBI Official Synonym Full Names	glycoprotein hormones, alpha polypeptide
NCBI Official Symbol	CGA
NCBI Official Synonym Symbols	HCG; LHA; FSHA; GPA1; GPHa; TSHA; GPHA1; CG-ALPHA
NCBI Protein Information	glycoprotein hormones alpha chain
UniProt Protein Name	Glycoprotein hormones alpha chain
UniProt Gene Name	CGA
UniProt Synonym Gene Names	CG-alpha; FSH-alpha; LSH-alpha; TSH-alpha
UniProt Entry Name	GLHA_HUMAN

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.