

Human FSH ELISA Kit | FSH elisa kit

Human FSH ELISA Kit

CATALOG # AAA332592	REACTIVITY Human	APPLICATIONS ELISA
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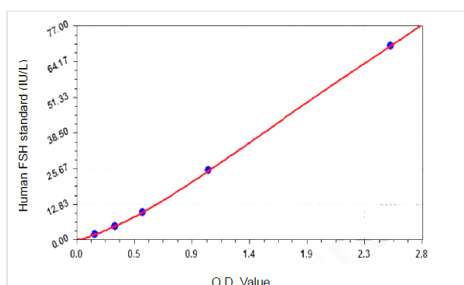
PRODUCT SYNONYMS

FSH; Human FSH ELISA Kit; Follicle stimulating hormone alpha chain; Follicle Stimulating Hormone Beta; Follicle stimulating hormone beta polypeptide; Follicle stimulating hormone beta subunit; Follicle stimulating hormone alpha chain; Follicle stimulating hormone beta chain; Follicle stimulating hormone subunit beta; FSH A; FSH alpha; FSH B; FSH beta; FSHA; FSHB; FSH elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human FSH ELISA Kit has high sensitivity and excellent specificity for detection of Human FSH. No significant cross-reactivity or interference between Human FSH and analogues was observed.
Assay Type	Sandwich
Samples	Serum, Plasma
Detection Range	2 IU/L-70 IU/L
Sensitivity	1.0 IU/L
Applicable Applications for FSH elisa kit	ELISA
Intra-assay Precision	Intra-assay Precision: The CV (%)?15%.
Inter-assay Precision	Inter-assay Precision :The CV (%)?15%
Preparation and Storage	The unopened kit should be stored at 2 - 8 degree C. After opening, please store refer to protocols.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for FSH elisa kit	Principle of the Assay: Follicle Stimulating Hormone (FSH) is a glycoprotein produced by the anterior pituitary gland. In the female, FSH stimulates follicular growth, prepares ovarian follicles for action by LH and enhances the LH induced release of estrogen. FSH levels are elevated after menopause, castration and in premature ovarian failure. Although there are significant exceptions ovarian failure is indicated when random FSH concentrations exceed 40 mIU/ml. In the male, FSH stimulates seminiferous tubule and testicular growth and is involved in the early stages of spermatogenesis. Oligospermic males usually have elevated FSH levels. Tumors of the testes generally depress serum FSH concentrations, but levels of LH are elevated. High levels of FSH in men may be found in primary testicular failure and Klinefelter syndrome. Elevated concentrations are also present in cases of starvation, renal failure, hyperthyroidism, and cirrhosis. Human FSH ELISA Kit employs a two-site sandwich ELISA to quantitate Human FSH in samples. An antibody specific for Human FSH has been pre-coated onto a microplate. Standards and samples are added to the appropriate microtiter plate wells with HRP conjugated antibody specific for Human FSH and any Human FSH present is bound by the immobilized antibody. Following a wash to remove any unbound enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of Human FSH in the sample. The color development is stopped and the intensity of the color is measured.
Product Categories/Family for FSH elisa kit	ELISA Assay Kit ; Protein

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 polypeptide
NCBI Official Symbol	FSHB
NCBI Protein Information	follitropin subunit beta; FSH-B; FSH-beta; follitropin beta chain; follitropin, beta chain; follicle-stimulating hormone beta subunit
UniProt Protein Name	Follitropin subunit beta
UniProt Gene Name	FSHB
UniProt Synonym Gene Names	FSH-B; FSH-beta
UniProt Entry Name	FSHB_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.

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Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/fsh/332592>