

Human Follitropin subunit beta (FSHB) ELISA Kit | FSHB elisa kit

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CATALOG #
AAA246032

REACTIVITY
Human

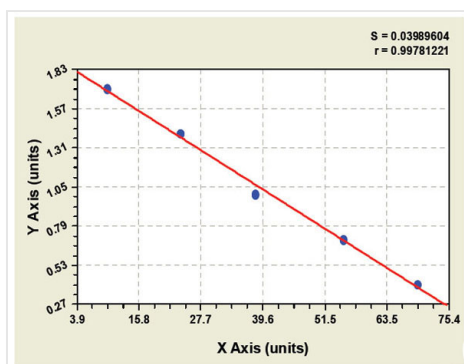
PRODUCT SYNONYMS

Follitropin subunit beta (FSHB); Human Follitropin subunit beta (FSHB) ELISA Kit; Human Follitropin subunit b (FSHB) ELISA Kit; FSHB elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	0.1 mIU/ml.
Intended Uses	This FSHB ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human FSHB. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for FSHB elisa kit

Principle of the assay: FSHB ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-FSHB antibody and an FSHB-HRP conjugate. The assay sample and buffer are incubated together with FSHB-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the FSHB concentration since FSHB from samples and FSHB-HRP conjugate compete for the anti-FSHB antibody binding site. Since the number of sites is limited, as more sites are occupied by FSHB from the sample, fewer sites are left to bind FSHB-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The FSHB concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	66528995
NCBI GeneID	2488
NCBI Accession #	NP_001018090.1
NCBI GenBank Nucleotide #	NM_001018080.1
Molecular Weight	14,700 Da
NCBI Official Full Name	follitropin subunit beta
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/follitropin-subunit-beta-fshb/246032>