

Rabbit follicle-stimulating hormone, FSH ELISA Kit | FSH elisa kit

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CATALOG #
AAA80294

REACTIVITY
Rabbit

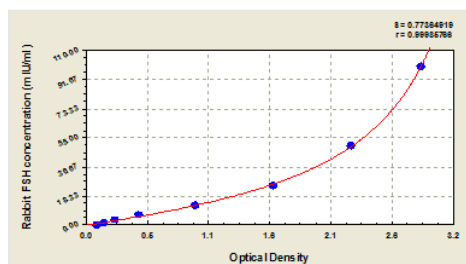
PRODUCT SYNONYMS

follicle-stimulating hormone; FSH; rabbit follicle-stimulating hormone; FSH ELISA Kit; follicle-stimulating hormone beta subunit; follitropin; beta chain; FSHB; FSH elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rabbit
Specificity	This assay has high sensitivity and excellent specificity for detection of rabbit FSH. No significant cross-reactivity or interference between rabbit FSH and analogues was observed.
Sequence Length	129
Samples	Serum, plasma, tissue homogenates
Assay Type	Sandwich
Detection Range	1.56 mIU/ml -100 mIU/ml.
Sensitivity	The minimum detectable dose of rabbit FSH is typically less than 0.39 mIU/ml. The sensitivity of this assay, or Lower Limit of Detection (LLD) was defined as the lowest protein concentration that could be differentiated from zero. It was determined the mean O.D value of 20 replicates of the zero standard added by their three standard deviations.
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for FSH elisa kit	Principle of the assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for FSH has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any FSH present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for FSH is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of FSH bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	126723597
NCBI GeneID	100008946
NCBI Accession #	NP_001075640.1
NCBI GenBank Nucleotide #	NM_001082171.2
UniProt Accession #	Q6IY73
Molecular Weight	14,588 Da
NCBI Official Full Name	follitropin subunit beta
NCBI Official Symbol	FSHB
NCBI Protein Information	follitropin subunit beta; FSH-B; FSH-beta; follitropin beta chain; follicle stimulating hormone beta; 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_RABIT

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/rabbit-elisa-kits/follicle-stimulating-hormone-fsh/80294>