

Sheep FSH (Follicle-Stimulating Hormone) ELISA Kit | FSH elisa kit

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CATALOG #
AAA248435

REACTIVITY
Sheep

PRODUCT SYNONYMS

FSH (Follicle-Stimulating Hormone); Sheep FSH (Follicle-Stimulating Hormone) ELISA Kit; FSH; Follicle-Stimulating Hormone); FSH elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Sheep
Specificity	This assay has high sensitivity and excellent specificity for detection of FA/VB9. No significant cross-reactivity or interference between FA/VB9 and analogues is observed.
Assay Type	Competitive ELISA, Coated with Antigen
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	3.125-200mIU/ml
Sensitivity	1.875mIU/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level FA/VB9 were tested 20 times on one plate, respectively. Intra-Assay: CV<8%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level FA/VB9 were tested on 3 different plates, 8 replicates in each plate. CV (%) = SD/meanX100. Inter-Assay: CV<10%
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES

Typical Data & Standard Curve									
Results of a typical standard operation of a FSH ELISA kit are listed below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain standard curve as per experiment by themselves. (N/A=not applicable)									
N	integrated	0	3.125	6.25	12.5	25	50	100	200
Y	OD450	2.321	1.517	0.8	0.515	0.342	0.22	0.166	0.134

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for FSH elisa kit

Principle of the Assay: This kit was based on Competitive-ELISA detection method. The microtiter plate provided in this kit has been pre-coated with FA/VB9. During the reaction, FA/VB9 in the sample or standard competes with a fixed amount of FA/VB9 on the solid phase supporter for sites on the Biotinylated Detection Antibody specific to FA/VB9. Excess conjugate and unbound sample or standard are washed from the plate, and HRP-Streptavidin (SABC) is added to each microplate well and incubated. Then TMB substrate solution is added to each well. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm. The concentration of FA/VB9 in the samples is then determined by comparing the O D of the samples to the standard curve.

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.

