

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

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CATALOG #
AAA149062

REACTIVITY
Mouse

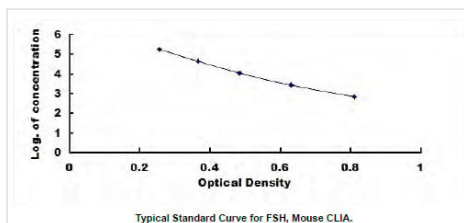
PRODUCT SYNONYMS

Follicle Stimulating Hormone (FSH); Mouse Follicle Stimulating Hormone (FSH) ELISA Kit; FSH elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of COL10. No significant cross-reactivity or interference between COL10 and analogues was observed.
Sequence Length	120
Assay Type	Competitive Inhibition
Samples	Serum, Plasma and other biological fluids
Detection Range	703.1-180,000pg/mL
Sensitivity	284.3pg/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level COL10 were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level COL10 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
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)

ADDITIONAL INFORMATION

Related Product Information for FSH elisa kit	Intended Uses: The Chemiluminescent Immunoassay kit is designed for the in vitro sensitive quantitative measurement of COL10 in human serum, plasma, tissue homogenates and other biological fluids. Principle of the Assay: The microplate provided in this kit has been pre-coated with an antibody specific to COL10. Standards or samples are then added to the appropriate microplate wells with a biotin-conjugated antibody specific to COL10. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then the mixture of substrate A and B is added to generate glow light emission kinetics. Upon plate development, the intensity of the emitted light is proportional to the COL10 level in the sample or standard.
Product Categories/Family for FSH elisa kit	Endocrinology; Reproductive science; Genetic science; Hormone metabolism

NCBI AND UNIPROT INFORMATION

NCBI GI #	6753414
NCBI GeneID	12640
NCBI Accession #	NP_034019.1
NCBI GenBank Nucleotide #	NM_009889.2
UniProt Accession #	P01216; P11963; Q5M8P4
Molecular Weight	13,565 Da
NCBI Official Full Name	glycoprotein hormones alpha chain
NCBI Official Synonym Full Names	glycoprotein hormones, alpha subunit
NCBI Official Symbol	Cga
NCBI Official Synonym Symbols	HCG; LHA; FSHA; Tsha; aGSU; GPHA1; alphaSU; CG-alpha; GPHalpha; alphaGSU; alpha-GSU
NCBI Protein Information	glycoprotein hormones alpha chain
UniProt Protein Name	Glycoprotein hormones alpha chain
UniProt Gene Name	Cga
UniProt Synonym Gene Names	FSH-alpha; LSH-alpha; TSH-alpha

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/mouse-elisa-kits/follicle-stimulating-hormone-fsh/149062>