

Product Datasheet

Mouse, Rat FSH ELISA Kit (Colorimetric) KA2330

Unit Size: 1 Kit

Storage of components varies. See protocol for specific instructions.

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KA2330**Mouse, Rat FSH ELISA Kit (Colorimetric)**

Product Information	
Unit Size	1 Kit
Concentration	Concentration is not relevant for this product. Please see the protocols for proper use of this product.
Storage	Storage of components varies. See protocol for specific instructions.
Product Description	
Description	FSH (Rodent) ELISA Kit is an immunoassay for the quantitative determination of follicle-stimulating hormone concentrations in rodent serum/plasma.
Species	Mouse, Rat
Kit Components	Antibody-coated microtiter wells, Enzyme Conjugate Reagent, TMB Color Reagent, 20x Wash buffer, Stop solution (2N HCl), Standard/Sample Diluent, Lyophilized Standards (0, 1.0, 2.5, 5.0, 10, 25 ng/mL), QC1 (~2.0 ng/mL) and QC2 (~10-15 ng/mL). Reconstitute in 1 mL using Standard/Sample Diluent
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.
Standard Curve Range	1 to 25 ng/mL
Sensitivity	.25 ng/mL
Inter Assay	CV% < 6.07%
Intra Assay	CV% < 5.87%
Assay Type	Quantification
Suitable Sample Type	Plasma, Serum
Sample Volume	100 uL
Product Application Details	
Applications	ELISA, Quantification
Recommended Dilutions	ELISA, Quantification

Publications

Sagar Chhabria, Vaishnavi Takle, Nripen Sharma, Prashant Kharkar, Kshama Pansare, Anish Tripathi, Ashish Tripathi, Deepa Bhartiya Extremely Active Nano-formulation of Resveratrol (XAR™) attenuates and reverses chemotherapy-induced damage in mice ovaries and testes. *Journal of ovarian research* 2022-10-25 [PMID: 36271409]

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Dalia O. Saleh, Sara M. Baraka, Gehad A. Abdel Jaleel, Azza Hassan, Omar A. Ahmed-Farid Eugenol alleviates acrylamide-induced rat testicular toxicity by modulating AMPK/p-AKT/mTOR signaling pathway and blood–testis barrier remodeling *Scientific Reports* 2024-01-22 [PMID: 38253778]

Aya Abdel Nasser Mahmoud, Ebtehal Altohamy Ahmed, Amel Ramadan Omar Thiacloprid impairs reproductive functions of male Wistar rats. *Naunyn-Schmiedeberg's archives of pharmacology* 2024-03-05 [PMID: 38441570]

Imrul Faisal, Sheyla Cisneros-Montalvo, Geert Hamer, Minna M Tuominen, Pirkka-Pekka Laurila, Manuela Tumiati, Matti Jauhiainen, Noora Kotaja, Jorma Toppari, Juho-Antti Mäkelä, Liisa Kauppi Transcription Factor USF1 Is Required for Maintenance of Germline Stem Cells in Male Mice. *Endocrinology* 2019-12-16 [PMID: 30759202]

Nie X, Dai Y, Zheng Y et al. Establishment of a Mouse Model of Premature Ovarian Failure Using Consecutive Superovulation *Cellular Physiology and Biochemistry* 2018-05-08 [PMID: 30537739] (ELISA)

Badr GM, Algefare AI, Alfwuaires MA. Antioxidant Potential of Parsley Leaf (*Petroselinum crispum*) Essential Oil on Hypothyroidism and Testicular Injury in Mice Intoxicated by Carbon Tetrachloride *BioMed Research International* 2021-08-30 [PMID: 34497857] (ELISA)

Chen Y, Zhou J, Wu S et al. ISG15 suppresses ovulation and female fertility by ISGylating ADAMTS1 Cell & *bioscience* 2023-05-11 [PMID: 37170317] (ELISA)

Bi W, Luan S, Wang J et al. FSH signaling is involved in affective disorders. *Biochem Biophys Res Commun.* 2020-03-11 [PMID: 32171529]

Matthew P, Anneloes M, Rasha S et al. APOE4 genotype exacerbates the impact of menopause on cognition and synaptic plasticity in APOE-TR mice. *FASEB J.* 2021-05-15 [PMID: 33891334]

MG Pontifex, A Martinsen, RNM Saleh, G Harden, C Fox, M Muller, D Vauzour, AM Minihane DHA-Enriched Fish Oil Ameliorates Deficits in Cognition Associated with Menopause and the APOE4 Genotype in Rodents *Nutrients*, 2022-04-19;14(9):. 2022-04-19 [PMID: 35565665]

Jose I, Gabriel V, Camila B et al. 17 β -estradiol does not adversely affect sperm parameters or fertility in male mice: implications for reproduction-longevity trade-offs. *Geroscience.* 2022-06-11 [PMID: 35689785]

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Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. ELISA Kits are guaranteed for 6 months from date of receipt.

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