

Product Datasheet

Mouse, Rat ACTH ELISA Kit (Colorimetric) KA0917

Unit Size: 1 Kit

Store at 4°C.

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KA0917**Mouse, Rat ACTH 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	Store at 4°C.
Product Description	
Description	ACTH (Mouse/Rat) ELISA Kit (Chemiluminescence) is an ultra sensitive method (Less than 1 pg/mL) used for the quantitative determination of ACTH (Adrenocorticotrophic Hormone) in mouse/rat plasma.
Gene ID	5443
Gene Symbol	POMC
Species	Mouse, Rat
Kit Components	Microwells coated with Streptavidin, ACTH Standard Zero: Ready to use, ACTH Standard: Lyophilized, Biotinylated ACTH Antibody (Reagent 1), Enzyme labeled ACTH Antibody (Reagent 2), Luminol substrate, 3X, Luminol buffer, Sample Diluent, Wash Concentrate (Reagent A)
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.
Standard Curve Range	7 to 515 pg/mL
Sensitivity	1 pg/mL
Assay Type	Competitive ELISA
Suitable Sample Type	Plasma
Sample Volume	200 uL
Product Application Details	
Applications	ELISA, Quantification
Recommended Dilutions	ELISA, Quantification

Publications

Yang H, Xia L, Chen J et al. Stress-glucocorticoid-TSC22D3 axis compromises therapy-induced antitumor immunity. *Nat Med*. 2019-09-09 [PMID: 31501614]

Spychala A, Ruther U FTO affects hippocampal function by regulation of BDNF processing. *PLoS One*. 2019-02-07 [PMID: 30730976]

Tadaishi M, Toriba Y, Shimizu M et al. Adenosine stimulates hepatic glycogenolysis via adrenal glands-liver crosstalk in mice. *PLoS One*. 2018-12-21 [PMID: 30576384]

Sominsky L, Ziko I, Spencer SJ. et al. Neonatal overfeeding disrupts pituitary ghrelin signalling in female rats long-term; Implications for the stress response. *PLoS One* 2017-03-10 [PMID: 28282447]

Swierczynska MM, Mateska I, Peitzsch M et al. Changes in morphology and function of adrenal cortex in mice fed a high-fat diet. *Int J Obes (Lond)* 2014-06-12 [PMID: 24919565]

Ye L, Hu Z, Wang H et al. Tris-(2,3-Dibromopropyl) Isocyanurate, a New Emerging Pollutant, Impairs Cognition and Provokes Depression-Like Behaviors in Adult Rats. *PLoS One* 2015-10-12 [PMID: 26458255]

Khalil MS. Vitamin D3 May Ameliorate the Ketoconazole Induced Adrenal Injury: Histological and Immunohistochemical Studies on Albino Rats. *Acta Histochem Cytochem* 2015-08-27 [PMID: 26379312]

Maity-Kumar G, Thal DR, Baumann B et al. Neuronal redox imbalance results in altered energy homeostasis and early postnatal lethality. *FASEB J* 2015-03-31 [PMID: 25829510]

Schneeberger M, Gomez-Valades AG, Altirriba J et al. Reduced alpha-MSH Underlies Hypothalamic ER-Stress-Induced Hepatic Gluconeogenesis. *Cell Reports*. 2015-07-01 [PMID: 26166568]





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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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