

# Product Datasheet

## Mouse Norepinephrine ELISA Kit KA1891

Unit Size: 1 Kit

Storage of components varies. See protocol for specific instructions.

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### Publications: 19

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**KA1891****Mouse Norepinephrine ELISA Kit**

<b>Product Information</b>	
<b>Unit Size</b>	1 Kit
<b>Concentration</b>	Concentration is not relevant for this product. Please see the protocols for proper use of this product.
<b>Storage</b>	Storage of components varies. See protocol for specific instructions.
<b>Buffer</b>	
<b>Product Description</b>	
<b>Species</b>	Mouse
<b>Reactivity Notes</b>	Mouse reactivity reported in scientific literature (PMID: 27558934).
<b>Kit Components</b>	Adhesive Foil, Wash Buffer Concentrate (50X), Enzyme Conjugate, Substrate, Stop Solution, Noradrenaline Microtiter Strips, Noradrenaline Antiserum, Adjustment Buffer, Acylation Buffer, Acylation Reagent, Assay Buffer, Coenzyme, Enzyme, Extraction Buffer, Extraction Plate, Hydrochloric Acid
<b>Notes</b>	This product is produced by and distributed for Abnova, a company based in Taiwan.
<b>Standard Curve Range</b>	20 to 339 ng/mL urine, 318 to 2436 pg/mL plasma
<b>Sensitivity</b>	1.5 ng/mL urine, 50 pg/mL plasma
<b>Inter Assay</b>	CV% < 11.75%
<b>Intra Assay</b>	CV% < 12.95%
<b>Assay Type</b>	Competitive ELISA
<b>Spiking Recovery</b>	Urine: 109%, Plasma: 97%
<b>Suitable Sample Type</b>	Plasma, Urine
<b>Sample Volume</b>	Urine: 10 uL, Plasma: 300 uL
<b>Product Application Details</b>	
<b>Applications</b>	ELISA
<b>Recommended Dilutions</b>	ELISA
<b>Application Notes</b>	Norepinephrine ELISA Kit is an enzyme immunoassay for the quantitative determination of Norepinephrine in plasma and urine. Use in ELISA reported in scientific literature (PMID 27558934).

## Publications

Alamri HS Talbinah (Barley Porridge): neurotransmitters modulatory effect and antidepressant-like action in experimentally depressed rats *European review for medical and pharmacological sciences* 2022-01-01 [PMID: 35048996] (ELISA)

Perego M, Tyurin VA, Tyurina YY et al. Reactivation of dormant tumor cells by modified lipids derived from stress-activated neutrophils *Science translational medicine* 2020-12-02 [PMID: 33268511] (ELISA, Mouse)

Wang D, Wu Y, Chen Y et al. Focal selective chemo-ablation of spinal cardiac afferent nerve by resiniferatoxin protects the heart from pressure overload-induced hypertrophy. *Biomed Pharmacother* 2018-11-03 [PMID: 30399572]

Ikegami R, Shimizu I, Sato T et al. Gamma-Aminobutyric Acid Signaling in Brown Adipose Tissue Promotes Systemic Metabolic Derangement in Obesity. *Cell Rep* 2018-09-11 [PMID: 30208310]

Fan SM, Chang YT, Chen CL et al. External light activates hair follicle stem cells through eyes via an ipRGC-SCN-sympathetic neural pathway. *Proc Natl Acad Sci U S A* 2018-06-29 [PMID: 29959210]

Kota DJ, Prabhakara KS, van Brummen AJ et al. Propranolol and Mesenchymal Stromal Cells Combine to Treat Traumatic Brain Injury. *Stem Cells Transl Med* 2015-11-19 [PMID: 26586775]

Ishigaki S, Ohashi N, Matsuyama T et al. Melatonin ameliorates intrarenal renin-angiotensin system in a 5/6 nephrectomy rat model. *Clin Exp Nephrol* 2017-11-20 [PMID: 29159527]

Gao J, Xu X, Ying Z et al. Post-Effect of Air Quality Improvement on Biomarkers for Systemic Inflammation and Microparticles in Asthma Patients After the 2008 Beijing Olympic Games: a Pilot Study. *Inflammation* 2017-04-25 [PMID: 28444548]

Bassi GS, Dias DP, Franchin M et al. Modulation of Experimental Arthritis by Vagal Sensory and Central Brain Stimulation. *Brain Behav Immun* 2017-04-06 [PMID: 28392428]

Chalermkitpanit P, Thonnagith A, Engsusophon P et al. Noradrenaline, Serotonin, GABA, and Glycine in Cerebrospinal Fluid during Labor Pain: A Cross-Sectional Prospective Study. *Pain Res Manag* 2017-06-18 [PMID: 28701860]

Liu Z, Zhou Z, Jiang Q et al. The neuroendocrine immunomodulatory axis-like pathway mediated by circulating haemocytes in pacific oyster *Crassostrea gigas*. *Open Biol* 2017-01-01 [PMID: 28077596]

Lenis YY, Wang X, Tang W et al. Effects of agmatine on secretion of interferon tau and catecholamines and expression of genes related to production of polyamines by ovine trophectoderm cells. *Amino Acids* 2016-04-13 [PMID: 27074718]

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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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