

Norepinephrine ELISA Kit

Catalog # KA3836

Size 1 Kit

Specification

Product Description	Norepinephrine ELISA Kit is an enzyme immunoassay (ELISA) for the quantitative and ultra-sensitive determination of noradrenaline (norepinephrine) in any species and various biological samples.
Suitable Sample	Biological Fluid
Sample Volume	1-750 μ L
Label	Peroxidase-conjugated
Detection Method	Colorimetric
Assay Type	Quantitative
Calibration Range	0.2 to 32 ng/mL
Limit of Detection	0.1 ng/mL $\times$ C* C* = Correction factor
Regulation Status	For research use only (RUO)
Storage Instruction	Store the kit at 4°C.

Applications

- Quantification

Publication Reference

- [Hyperglycemia induces tear reduction and dry eye in diabetic mice through the norepinephrine- \$\alpha\$ 1AR - mitochondrial impairment axis of lacrimal gland.](#)

Sai Zhang, Qun Wang, Mingli Qu, Qing Chen, Xiaofei Bai, Zhenzhen Zhang, Qingjun Zhou, Lixin Xie.

The American Journal of Pathology 2023 Jul; 193(7):913.

Application: ELISA, Mouse, Mouse lacrimal gland

- [The effect of various breath-hold techniques on the cardiorespiratory response to facial immersion in humans.](#)

Matthew J Burley, Jamie Blackwell, Bert Bond, Craig Williams, Francis B Stephens.

Experimental Physiology 2023 Jan; 108(1):50.

Application: Quant, Human, Human plasma

- [Heart neurons use clock genes to control myocyte proliferation.](#)

Emmanouil Tampakakis, Harshi Gangrade, Stephanie Glavaris, Myo Htet, Sean Murphy, Brian Leei Lin, Ting Liu, Amir Saberi, Matthew Miyamoto, William Kowalski, Yoh-Suke Mukoyama, Gabsang Lee, Liliana Minichiello, Chulan Kwon.

Science Advances 2021 Dec; 7(49):eabh4181.

Application: Quant, Mouse, Mouse heart

- [ADORA 1-driven brain-sympathetic neuro-adipose connections control body weight and adipose lipid metabolism.](#)

Jia Zhang, Yanjun Hou, Xue-Liang Du, Dan Chen, Guangzhi Sui, Yong Qi, Julio Licinio, Ma-Li Wong, Yunlei Yang.

Molecular Psychiatry 2021 Jul; 26(7):2805.

Application: Quant, Mouse, Mouse adipose tissues

- [Dapagliflozin improves left ventricular remodeling and aorta sympathetic tone in a pig model of heart failure with preserved ejection fraction.](#)

Zhang N, Feng B, Ma X, Sun K, Xu G, Zhou Y.

Cardiovascular Diabetology 2019 Aug; 18(1):107.

Application: Quant, Pig, Aorta, Kidney, Left atrium, Left ventricle

- [Repeated cell transplantation and adjunct renal denervation in ischemic heart failure: exploring modalities for improving cell therapy efficacy.](#)

Polhemus DJ, Trivedi RK, Sharp TE, Li Z, Goodchild TT, Scarborough A, de Couto G, Marbán E, Lefer DJ.

Basic Research in Cardiology 2019 Jan; 114(2):9.

Application: Quant, Rat, Rat kidney

- [Hydrogen Sulfide Attenuates Renin Angiotensin and Aldosterone Pathological Signaling to Preserve Kidney Function and Improve Exercise Tolerance in Heart Failure.](#)

Li Z, Organ CL, Kang J, Polhemus DJ, Trivedi RK, Sharp TE 3rd, Jenkins JS, Tao YX, Xian M, Lefer DJ.

JACC Basic to Translational Science 2018 Dec; 3(6):796.

Application: Quant, Mouse, Mouse kidney

- [Activation of hypothalamic RIP-Cre neurons promotes beiging of WAT via sympathetic nervous system.](#)

Wang B, Li A, Li X, Ho PW, Wu D, Wang X, Liu Z, Wu KK, Yau SS, Xu A, Cheng KK.

EMBO reports 2018 Apr; 19(4):e44977.

Application: ELISA, Mouse, Adipose tissues, livers, kidneys tissue lysate