

# Epinephrine/Norepinephrine ELISA Kit

Catalog # KA3768

Size 1 Kit

## Specification

<b>Product Description</b>	Epinephrine/Norepinephrine ELISA Kit is an enzyme immunoassay (ELISA) for the quantitative and ultra-sensitive determination of adrenaline (epinephrine) and noradrenaline (norepinephrine) in any species and various biological samples.
<b>Suitable Sample</b>	Biological Fluid
<b>Sample Volume</b>	1-750 $\mu$ L
<b>Label</b>	Peroxidase-conjugated
<b>Detection Method</b>	Colorimetric
<b>Assay Type</b>	Quantitative
<b>Limit of Detection</b>	Adrenaline: 0.25 ng/mL x C*, Noradrenaline: 0.1 ng/mL x C* C* = Correction factor (refer to Calculation of Results of Protocol)
<b>Regulation Status</b>	For research use only (RUO)
<b>Storage Instruction</b>	Store the kit at 4°C.

## Applications

- Quantification

## Publication Reference

- [Carbohydrate Rinse Fails to Enhance Cycling Performance or Alter Metabolic and Autonomic Recovery in Recreational Cyclists.](#)

Cassie M Williamson-Reisdorph, Emily E Bechke, Cherilyn McLester, Robert Buresh, Melinda Millard-Stafford, Zackery Green, Rasmus Rooks, Brett Nickerson, Brian M Kliszczewicz.

Journal of Human Kinetics 2022 Aug; 83:109.

Application: Quant, Human, Human plasma

- [Topical application of the pharmacological cold mimetic menthol stimulates brown adipose tissue thermogenesis through a TRPM8, UCP1, and norepinephrine dependent mechanism in mice housed at thermoneutrality.](#)

Greg L McKie, Kyle D Medak, Hesham Shamshoum, David C Wright.

FASEB Journal 2022 Mar; 36(3):e22205.

Application: Quant, Mouse, Mouse serum

- [Housing temperature affects the acute and chronic metabolic adaptations to exercise in mice.](#)

McKie GL, Medak KD, Knuth CM, Shamshoum H, Townsend LK, Peppler WT, Wright DC.

The Journal of Physiology 2019 Sep; 597(17):4581.

Application: Quant, Mouse, Mouse serum

- [THE ANTI-INFLAMMATORY REFLEX ACTION OF THE SPLANCHNIC SYMPATHETIC NERVES IS DISTRIBUTED ACROSS ABDOMINAL ORGANS.](#)

Martelli D, Farmer DG, McKinley MJ, Yao ST, McAllen RM.

American Journal of Physiology. Regulatory, Integrative and Comparative Physiology 2019 Mar; 316(3):R235.

Application: ELISA, Rat, Plasma

- [The influence of citrus aurantium and caffeine complex versus placebo on the cardiac autonomic response: a double blind crossover design.](#)

Kliszczewicz B, Bechke E, Williamson C, Bailey P, Hoffstetter W, McLester J, McLester C.

Journal of the International Society of Sports Nutrition 2018 Jul; 15(1):34.

Application: ELISA, Human, Plasma