

Epinephrine/Norepinephrine/Dopamine ELISA Kit

Catalog # KA1880

Size 1 Kit

Specification

Product Description	Epinephrine/Norepinephrine/Dopamine ELISA Kit is an enzyme immunoassay for the quantitative determination of Epinephrine, Norepinephrine and Dopamine in plasma and urine. This product contains three assay plates, for Epinephrine, Norepinephrine and Dopamine separately.
Suitable Sample	Plasma, Urine
Sample Volume	Urine: 10 uL, Plasma: 300 uL (for extraction and acylation)
Detection Method	Colorimetric
Assay Type	Quantitative
Calibration Range	Adrenaline: 0.7 to 200 ng/mL urine, 18 to 6667 pg/mL plasma Noradrenaline: 2.5 to 1000 ng/mL urine, 93 to 33333 pg/mL plasma Dopamine: 4.8 to 2000 ng/mL urine, 75 to 33333 pg/mL plasma
Limit of Detection	Adrenaline: 0.9 ng/mL urine, 10 pg/mL plasma Noradrenaline: 1.7 ng/mL urine, 36 pg/mL plasma Dopamine: 2.5 ng/mL urine, 49 pg/mL plasma
Regulation Status	For research use only (RUO)
Storage Instruction	Store the kit at 4°C.

Applications

- Quantification

Publication Reference

- [Loss of glucagon signaling alters white adipose tissue browning.](#)

Townsend LK, Medak KD, Knuth CM, Peppler WT, Charron MJ, Wright DC.

FASEB Journal 2019 Jan; fj201802048RR.

Application: Quant, Mouse, Mouse serum