immusmol

Epinephrine – Norepinephrine ELISA kit – Fast – Plasma & Urine samples

Ref: BA-E-6500

This Epinephrine/Norepinephrine ELISA kit is tailored for the rapid measurement of Adrenaline (Epinephrine) and Noradrenaline (Norepinephrine) in urine and plasma samples. Intended for *in vitro* diagnostics, this fast-track quantitative immunoassay enables to determine Epinephrine & Norepinephrine levels in up to 40 samples within 4 hours.

Sample type	10µl urine, 300µl plasma
Samples/kit	40 samples in duplicate
Sensitivity	Epinephrine: 0.3ng/ml urine, 10pg/ml plasma Norepinephrine: 1.5ng/ml urine, 50pg/ml plasma
Range	Epinephrine: 1 - 200ng/ml Norepinephrine: 5 - 1 000ng/ml
Assay time	Sample extraction and acylation (65 min), ELISA (3h)
Reactivity	Reacts with all species
Citations	Not yet cited

immusmol

INFORMATIONS

Product overview

Product name	Epinephrine-Norepinephrine ELISA kit – Urine/Plasma – Fast-Track
Description	*In vitro* diagnostics & Research enzyme immunoassay (ELISA) for the rapid determination of Adrenaline and Noradrenaline levels in plasma and urine samples
Labels	IVD, CE, RUO
Format	2 x 96-well plate
Samples	Urine, Plasma
Sample volume	10µl urine, 300µl plasma
Reactivity	Reacts with all species
Standard range	Epinephrine: 0 / 1 – 200ng/ml Norepinephrine: 0 / 5 – 1 000ng/ml
Sensitivity	Epinephrine: 0.3ng/ml urine, 10pg/ml plasma; Norepinephrine: 1.5ng/ml urine, 50pg/ml plasma
Specificity	No significant cross-reactivity was observed with Epinephrine and Norepinephrine analogs such as Dopamine, Metanephrine, Normetanephrine, 3-Methoxytyramine, 3-Methoxy-4-hydroxyphenylglycol, Tyramine, Phenylalanine, Caffeinic acid, L-Dopa, Homovanillic acid, Tyrosine and 3-Methoxy-4-hydroxymandelic acid
Assay time	4 hours
Storage	Store at 2-8°C for to 6 months

Datasheets Instructions for use, Material safety datasheet

PROTOCOLS

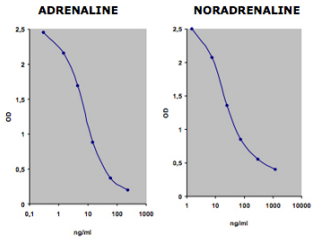
Sample collection & storage	Plasma: EDTA-Plasma samples only. Do not use haemolytic or lipemic samples. Storage: up to 6 hours at 2 – 8°C; for longer periods (up to 6 months) at – 20°C Urine: Spontaneous or 24-hours urine, collected in a bottle containing 10-15 mL of 6 M HCl. Storage: for longer periods (up to 6 months) at -20°C
Sample preparation	Sample preparation, extractiion and acylation (65min)
ELISA	Epinephrine/Norepinephrine antiserum incubation (2H), revelation and read steps (1h)
Detailed protocol	Download instructions for use

REFERENCES

Not cited yet. Submit an article and get a 10% discount.

Product pictures

Fast Epinephrine-Norepinephrine ELISA kit for plasma and urine samples



Fast Adrenaline-Noradrenaline ELISA: Standard curves

Standard curves - to be generated every time the assay is performed.

Contact information

Immusmol
229 Cours de l'Argonne
33 000 Bordeaux - France
Tel: +33 (0) 5 6431 1170
www.immusmol.com

To order, review, ask for technical support, visit product page at:

https://www.immusmol.com/shop/epinephrine-norepinephrine-elisa-kit-plasma-urine/