

Epinephrine ELISA kit (Adrenaline)

Fast – Plasma & Urine samples

Ref: BA-E-6100

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

| | |
|--------------------|--|
| Sample type | 10µl urine, 300µl plasma |
| Samples/kit | 40 samples in duplicate |
| Sensitivity | 0.3ng/ml urine, 10pg/ml plasma |
| Range | 1 - 200ng/ml |
| Assay time | Sample extraction and acylation (65 min), ELISA (3h) |
| Reactivity | Reacts with all species |
| Citations | Cited in 7 papers |

INFORMATIONS

Product overview

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|-----------------------|---|
| Product name | Epinephrine ELISA kit - Urine/Plasma - Fast-Track |
| Description | <i>In vitro</i> diagnostics & Research enzyme immunoassay (ELISA) for the rapid determination of Adrenaline levels in urine and plasma samples |
| Labels | IVD (EU only) or RUO, CE |
| Format | 96-well plate |
| Samples | 10µl urine, 300µl plasma |
| Reactivity | Reacts with all species |
| Standard range | 0 / 1 - 200ng/ml |
| Sensitivity | 0.3ng/ml urine, 10pg/ml plasma |
| Specificity | No significant cross-reactivity was observed with Epinephrine analogs such as Dopamine, Noradrenaline, Metanephrine, Normetanephrine, 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 up 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, extraction and acylation (65min)

ELISA

Epinephrine antiserum incubation (2H), revelation and read steps (1h)

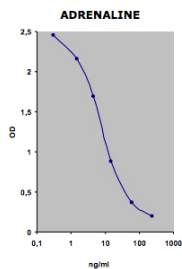
Detailed protocol

[Download instructions for use](#)

REFERENCES

Product citations

Product pictures

**Fast Urine/Plasma Epinephrine ELISA****Fast Adrenaline ELISA: Standard curve**

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

Contact information

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

<https://www.immusmol.com/shop/epinephrine-elisa-kit-urine-plasma-samples/>