

Private: Dopamine ELISA kit – Research Plasma & Urine samples – Former

Ref: BA-E-6300R-Former

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

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| Sample type | 10µl urine, 300µl plasma |
| Samples/kit | 40 samples in duplicate |
| Sensitivity | 4.5ng/ml urine, 25pg/ml plasma |
| Range | 4.5 - 2 000ng/ml |
| Assay time | Sample extraction and acylation (65 min), ELISA (3h) |
| Reactivity | Reacts with all species |
| Citations | 1 |

INFORMATIONS

Product overview

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|-----------------------|--|
| Product name | Dopamine ELISA kit - Urine/Plasma - Fast-Track |
| Description | Competitive ELISA kit for the quantitative measurement of Dopamine levels in plasma and urine samples. For research use only |
| Labels | RUO |
| Format | 96-well plate |
| Samples | 10µl urine, 300µl plasma |
| Reactivity | Reacts with all species |
| Standard range | 0 / 4.5 - 2 000ng/ml |
| Sensitivity | 4.5ng/ml urine, 25pg/ml plasma |
| Specificity | No significant cross-reactivity was observed with Dopamine analogs such as Adrenaline, 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 |

The kit for in-vitro-diagnostic (IVD) use can be ordered with the catalog no. [BA E-6300](#).

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

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

Detailed protocol

[Download instructions for use](#)

REFERENCES

Product citation

Product pictures



Dopamine ELISA kit



Dopamine ELISA kit



Dopamine ELISA kit

Contact information

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

https://www.immusmol.com/?post_type=product&p=884