

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.

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

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)

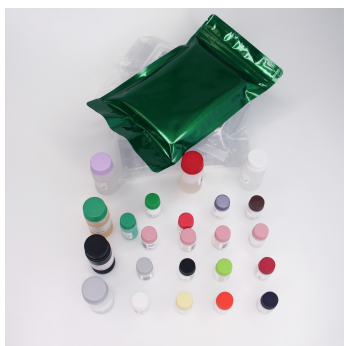
Detailed protocol

[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