

Dopamine ELISA kit – Fast Plasma & Urine samples

Ref: BA-E-6300

This Dopamine ELISA kit is tailored for the rapid measurement of Dopamine (DA) in urine and plasma samples. Intended for *in vitro* diagnostics and research use, 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	Cited in 7 papers

INFORMATIONS

Product overview

Product name	Dopamine ELISA kit - Urine/Plasma - Fast-Track
Description	<i>In vitro</i> diagnostics & Research enzyme immunoassay (ELISA) for the rapid determination of Dopamine levels in plasma and urine 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 / 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

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 citations

Product pictures



Dopamine ELISA kit



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Contact information

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

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