

# 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.

<b>Sample type</b>	10µl urine, 300µl plasma
<b>Samples/kit</b>	40 samples in duplicate
<b>Sensitivity</b>	4.5ng/ml urine, 25pg/ml plasma
<b>Range</b>	4.5 - 2 000ng/ml
<b>Assay time</b>	Sample extraction and acylation (65 min), ELISA (3h)
<b>Reactivity</b>	Reacts with all species
<b>Citations</b>	<a href="#">Cited in 7 papers</a>

# INFORMATIONS

## Product overview

<b>Product name</b>	Dopamine ELISA kit – Urine/Plasma – Fast-Track
<b>Description</b>	<i>In vitro</i> diagnostics & Research enzyme immunoassay (ELISA) for the rapid determination of Dopamine levels in plasma and urine samples
<b>Labels</b>	IVD (EU Only) or RUO, CE
<b>Format</b>	96-well plate
<b>Samples</b>	10µl urine, 300µl plasma
<b>Reactivity</b>	Reacts with all species
<b>Standard range</b>	0 / 4.5 – 2 000ng/ml
<b>Sensitivity</b>	4.5ng/ml urine, 25pg/ml plasma
<b>Specificity</b>	No significant cross-reactivity was observed with Dopamine analogs such as Adrenaline, Noradrenaline, Metanephrene, Normetanephrene, Methoxytyramine, 3-Methoxy-4-hydroxyphenylglycol, Tyramine, Phenylalanine, Caffeinic acid, L-Dopa, Homovanillic acid, Tyrosine and 3-Methoxy-4-hydroxymandelic acid
<b>Assay time</b>	4 hours
<b>Storage</b>	Store at 2-8°C for up to 6 months
<b>Datasheets</b>	<a href="#">Instructions for use</a> , <a href="#">Material safety datasheet</a>

## PROTOCOLS

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**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

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**Sample preparation**

Sample preparation, extraction and acylation (65min)

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**ELISA**

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

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**Detailed protocol**

[Download instructions for use](#)

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## REFERENCES

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**Product citations**

## Product pictures

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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/>