

# Metanephrine ELISA kit

## High Sensitivity – Plasma samples

Ref: BA-E-8100

This Metanephrine ELISA kit enables the measurement of free L-metanephrine in plasma samples with high sensitivity. Intended for *in vitro* diagnostics & research use, this quantitative immunoassay is based on a simple and fast sample preparation protocol, and offers a limit of detection as low as 17pg/ml.

<b>Sample type</b>	500µl plasma
<b>Samples/kit</b>	40 samples in duplicate
<b>Sensitivity</b>	17pg/ml
<b>Range</b>	36 - 3 600pg/ml
<b>Assay time</b>	Sample preparation and acetylation (30 min), ELISA overnight
<b>Reactivity</b>	Reacts with all species
<b>Citations</b>	<a href="#">Cited in 1 paper</a>

## INFORMATIONS

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### Product overview

<b>Product name</b>	Metanephrine ELISA kit - Plasma
<b>Description</b>	<i>In vitro</i> diagnostics & Research enzyme immunoassay (ELISA) for the sensitive determination of free metanephrine (metadrenaline) in plasma samples
<b>Labels</b>	IVD (EU only) or RUO, CE
<b>Format</b>	96-well plate
<b>Samples</b>	plasma
<b>Sample volume</b>	500µL
<b>Reactivity</b>	Reacts with all species
<b>Standard range</b>	0 / 36 - 3 600pg/ml
<b>Sensitivity</b>	17pg/ml
<b>Specificity</b>	No significant cross-reactivity was observed with Metanephrine analogs such as Normetanephrine, 3-methoxytyramine, Adrenaline, Noradrenaline, Dopamine, VMS, HVMS, L-Dopa, L-Tyrosine, Tyramine and Acetaminophen
<b>Assay time</b>	Sample preparation and acetylation 30 min and ELISA overnight
<b>Storage</b>	Store at 2-8°C for to 6 months
<b>Datasheets</b>	<a href="#">Instructions for use</a> , <a href="#">Material safety datasheet</a>

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## PROTOCOLS

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### Sample collection & storage

EDTA- or citrate-plasma sample 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

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### Sample preparation

Sample precipitation and acetylation (30min)

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### ELISA

Metanephrine antiserum overnight incubation, 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 citation

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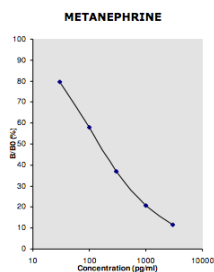
## Product pictures

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**Plasma metanephrine ELISA kit**

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**Plasma Metanephrine ELISA: Standard curve**

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

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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/metanephrine-elisa-kit-plasma-samples/>