

# Metanephrine ELISA kit

## Fast – Urine samples

Ref: BA-E-8400

This Metanephrine ELISA kit enables to quantify metanephrine in urine samples within 2 hours. Intended for *in vitro* diagnostics & research use, this quantitative immunoassay demonstrated good correlation with HPLC (see product data sheet).

<b>Sample type</b>	25µl urine
<b>Samples/kit</b>	40 samples in duplicate
<b>Sensitivity</b>	13ng/ml
<b>Range</b>	20 - 2 000ng/ml
<b>Assay time</b>	Sample hydrolysis and acetylation (45 min), ELISA 1h
<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 - Urine- Fast-Track
<b>Description</b>	<i>In vitro</i> diagnostics & Research enzyme immunoassay (ELISA) for the fast determination of metanephrine (metadrenaline) in urine samples
<b>Labels</b>	IVD (EU Only) or RUO, CE
<b>Format</b>	96-well plate
<b>Samples</b>	Urine
<b>Sample volume</b>	25µL
<b>Reactivity</b>	Reacts with all species
<b>Standard range</b>	0 / 20 - 2 000ng/ml
<b>Sensitivity</b>	13ng/ml
<b>Specificity</b>	No significant cross-reactivity was observed with Metanephrine analogs such as Normetanephrine, 3-methoxytyramine, Adrenaline, Noradrenaline, Dopamine, Vanillic mandelic acid, L-Dopa, Homovanillic acid, L-Tyrosine and Tyramine
<b>Assay time</b>	Sample hydrolysis and acetylation 45 min and ELISA 1h
<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>

## PROTOCOLS

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<b>Sample collection &amp; storage</b>	Spontaneous or 24-hours urine, collected in a bottle containing 10-15 mL of 6 M HCl. Storage at -20°C. for long periods (up to 6 months)
<b>Sample preparation</b>	Sample hydrolysis (30 min) and acetylation (15min)
<b>ELISA</b>	Metanephrine antiserum incubation (30 min), revelation and read steps (30h)
<b>Detailed protocol</b>	<a href="#">Download instructions for use</a>

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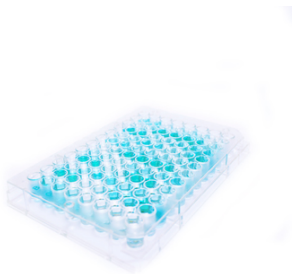
## REFERENCES

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Product citation

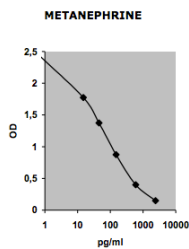
## Product pictures

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**ELISA kit for urinary Metanephrine detection**

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**Urine 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-urine-samples/>