

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).

Sample type	25µl urine
Samples/kit	40 samples in duplicate
Sensitivity	13ng/ml
Range	20 - 2 000ng/ml
Assay time	Sample hydrolysis and acetylation (45 min), ELISA 1h
Reactivity	Reacts with all species
Citations	Cited in 1 paper

INFORMATIONS

Product overview

Product name	Metanephrine ELISA kit – Urine- Fast-Track
Description	<i>In vitro</i> diagnostics & Research enzyme immunoassay (ELISA) for the fast determination of metanephrine (metadrenaline) in urine samples
Labels	IVD (EU Only) or RUO, CE
Format	96-well plate
Samples	Urine
Sample volume	25µL
Reactivity	Reacts with all species
Standard range	0 / 20 – 2 000ng/ml
Sensitivity	13ng/ml
Specificity	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
Assay time	Sample hydrolysis and acetylation 45 min and ELISA 1h
Storage	Store at 2-8°C for to 6 months
Datasheets	Instructions for use , Material safety datasheet

PROTOCOLS

Sample collection & storage	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)
Sample preparation	Sample hydrolysis (30 min) and acetylation (15min)
ELISA	Metanephrine antiserum incubation (30 min), revelation and read steps (30h)
Detailed protocol	Download instructions for use

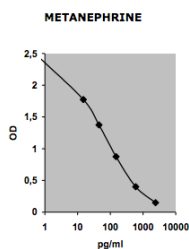
REFERENCES

Product citation

Product pictures



ELISA kit for urinary Metanephrine detection



Urine Metanephrine ELISA: Standard curve

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

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/>