

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.

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

INFORMATIONS

Product overview

Product name	Metanephrine ELISA kit - Plasma
Description	<i>In vitro</i> diagnostics & Research enzyme immunoassay (ELISA) for the sensitive determination of free metanephrine (metadrenaline) in plasma samples
Labels	IVD (EU only) or RUO, CE
Format	96-well plate
Samples	plasma
Sample volume	500µL
Reactivity	Reacts with all species
Standard range	0 / 36 - 3 600pg/ml
Sensitivity	17pg/ml
Specificity	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
Assay time	Sample preparation and acetylation 30 min and ELISA overnight
Storage	Store at 2-8°C for to 6 months
Datasheets	Instructions for use , Material safety datasheet

PROTOCOLS

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

Sample preparation

Sample precipitation and acetylation (30min)

ELISA

Metanephrine antiserum overnight incubation, revelation and read steps (1h)

Detailed protocol

[Download instructions for use](#)

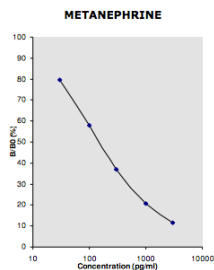
REFERENCES

Product citation

Product pictures



Plasma metanephrine ELISA kit



Plasma 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-plasma-samples/>