

## 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   |

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### **INFORMATIONS**

| <b>Product overview</b> |   |
|-------------------------|---|
| Product name            | Metanephrine ELISA kit – Plasma   |
| Description             | In vitro 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   |

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#### **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   |

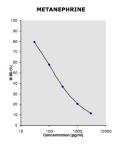
### **REFERENCES**

**Product citation** 

## **Product pictures**



#### Plasma metanephrine ELISA kit



#### Plasma Metanephrine ELISA: Standard curve

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

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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/

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