

Histamine ELISA kit

High Sensitivity I Plasma & Urine

Ref: BA-E-1000

This Histamine ELISA kit is tailored for the quantitative measurement of histamine in urine and plasma samples. Intended for *in vitro* diagnostics & research use, the immunoassay can be combined with the [add-on kit BA-E-1100](#), to quantify histamine release in whole blood.

Sample type	10µl urine, 25µl plasma
Samples/kit	40 samples in duplicate
Sensitivity	0.3ng/ml urine, 0.12ng/ml plasma
Range	0.5 - 50ng/ml
Assay time	Sample acylation (1h) and ELISA overnight
Reactivity	Reacts with all species
Citations	Cited in 2 papers

INFORMATIONS

Product overview

Product name	Histamine ELISA kit - Urine and Plasma samples
Description	<i>In vitro</i> diagnostics & research enzyme immunoassay (ELISA) for the quantitative determination of histamine levels in urine and plasma samples
Labels	IVD (EU only) or RUO, CE
Format	96-well plate
Samples	10µl urine, 25µl plasma
Reactivity	Reacts with all species
Standard range	0 / 0.5 - 50ng/ml
Sensitivity	0.12ng/ml plasma, 0.3ng/ml urine
Specificity	No significant cross-reactivity was observed with Histamine analogs such as 3-Methyl-Histamine, Tyramine, L-Phenylalanine, L-Histidine, L-Tyrosine, Tryptamine, 5-Hydroxy-Indole-Acetic Acid, Serotonin
Assay time	1h sample acetylation + ELISA overnight
Storage	Store at 2-8°C for up to 6 months
Datasheets	Instructions for use , Material safety datasheet

PROTOCOLS

Sample collection & storage

Plasma: EDTA or Heparin plasma samples 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

Urine: Spontaneous or 24-hours urine, collected in a bottle containing 10-15 mL of 6 M HCl. Storage: for longer periods (up to 6 months) at -20°C

Sample preparation

Sample acylation (1h)

ELISA

Histamine antiserum incubation (3H or overnight), revelation and read steps (1h)

Detailed protocol

[Download instructions for use](#)

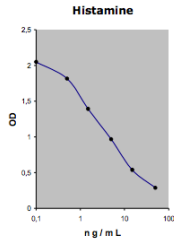
REFERENCES

Product citations

Product pictures



Plasma/Urine Histamine ELISA



Plasma/Urine Histamine 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/histamine-elisa-kit-urine-plasma-samples/>