

Private: L-Tryptophan ELISA kit – Research

Any sample FORMER

Ref: BA-E-2700R-F

This Tryptophan ELISA kit enables the quantitative measurement of L-Tryptophan in biological fluids and cell culture supernatants. Intended for research applications, the test comes in 96-well plate format, allowing the screening of large experimental series within short lead times.

Sample type	Biological fluids (urine, plasma, serum, ...) and cell culture supernatant
Capacity	96 tests
Sensitivity	< 1.2µg/ml
Range	2.5 - 250µg/ml
Assay time	2h30 sample preparation and ELISA overnight
Reactivity	Reacts with all species
References	Citations in the literature

INFORMATIONS

Product overview

Product name	Tryptophan ELISA kit
Description	Quantitative determination of L-Tryptophan in biological fluids (urine, plasma, serum samples, ...) and cell culture supernatants. For research use only
Labels	RUO
Format	96-well plate
Samples	urine, plasma, serum, cell culture supernatant
Sample volume	20µL
Reactivity	Reacts with all species
Standard range	2.5 – 250µg/ml
Sensitivity	< 1.2µg/ml
Specificity	No significant cross-reactivity was observed with L-Tryptophan analogs such as 5-Hydroxy-L-tryptophan, Tryptamine, 5-Methoxytryptophan, 5-Hydroxytryptamine, N-acetyl-5-hydroxytryptamine
Assay time	Sample preparation 2.5 hours and ELISA overnight
Storage	Store at 2-8°C for to 6 months
Datasheets	Instructions for use , Material safety datasheet

The kit for in-vitro-diagnostic (IVD) use can be ordered with the catalog no. [BA E-2700](#).

PROTOCOLS

Sample collection & storage

Urine: spontaneous or 24-hour urine collected in bottle with 10-15 mL of 6 M HCl, stored at -20°C for long periods (up to 6 months)

Plasma/Serum: EDTA-, Heparin- or Citrate- samples stored at 2-8°C for up to 48h or -20°C for longer period (up to 6 months). Do not use haemolytic or lipemic samples

Sample preparation

Sample precipitation (15 min) and derivatization (2h15)

ELISA

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

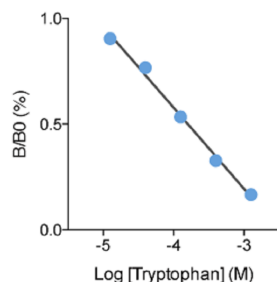
Detailed protocol

[Download instructions for use](#)

REFERENCES

Product citation

Product pictures



Tryptophan ELISA: Standard curve

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



Tryptophan ELISA kit



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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/?post_type=product&p=862