

D-Serine ELISA kit – High Sensitivity – Plasma, Serum, Cell Culture Supernatant

Ref: IS-I-3400R

The D-Serine ELISA Kit enables the easy and sensitive quantification of D-Serine (D-Ser) in plasma, serum, cerebrospinal fluid (CSF), and cell culture supernatants. Validated in human plasma samples, the assay requires only 50 μ L of sample, making it suitable for both in vitro, preclinical, and clinical research applications. This kit is particularly relevant for studies investigating neurological disorders related to NMDA receptor and glutamatergic pathway dysfunctions, as well as for research into chronic kidney disease.

Sample type Plasma, serum, CSF, cell culture supernatant

Capacity 96 tests

Sensitivity 0.1 μ M

Range 0.4 μ M – 15.630 μ M

Assay time Sample precipitation & derivatization 2.5h, ELISA overnight

Reactivity Reacts with all species

INFORMATIONS

Product overview

Product name	D-Serine ELISA kit
Description	Competitive ELISA kit for the quantitative measurement of D-Serine in plasma and serum samples. For research use only
Format	96-well plate
Samples	Plasma, serum, CSF, cell culture supernatant
Minimal sample volume	50µL
Reactivity	Reacts with all species
Standard range	0.4µM – 15.630 µM
Sensitivity	0.1µM
Specificity	No significant cross-reactivity was observed with L-Serine, D-Alanine, D-Threonine, Glycine, L-Glutamate
Assay time	Sample precipitation & derivatization 2.5h, ELISA overnight
Storage	Store at 2-8°C for up to 6 months
Datasheets	Instructions for use , Material Safety Datasheet

PROTOCOLS

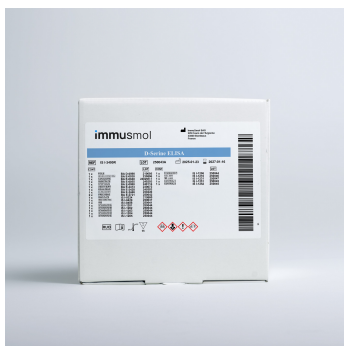
Sample collection & storage	EDTA Plasma Store samples at 2-8°C for up to 48h or -20°C for longer period (up to 6 months)
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Sample preparation	Sample precipitation & derivatization (2.5h)
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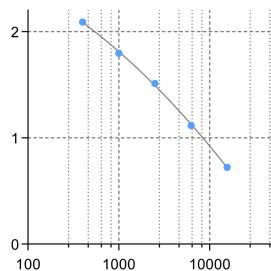
ELISA	D-Serine antiserum overnight incubation, revelation and read steps (1h)
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Detailed protocol	Download instructions for use
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Product pictures



D-serine ELISA kit IS-I-3400R



IS-I-3400R D-Serine Standard curve

Contact information

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To order, review, ask for technical support, visit product page at:

<https://www.immusmol.com/shop/d-serine-elisa-kit-high-sensitivity-plasma-serum/>