

IS-I-3400R

D-Serine ELISA kit

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 µL 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-well plate
Sensitivity	0.1µM
Range	0.4µM – 15.630 µM
Assay time	Sample precipitation & derivatization 2.5h, ELISA overnight
Reactivity	Reacts with all species
Application	Research use only
Storage	Store at 2-8°C for to 6 months
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)
Sample preparation	Sample precipitation & derivatization (2.5h)
ELISA	D-Serine antiserum overnight incubation, revelation and read steps (1h)

To see data, publications, and download instructions for use and MSDS, visit:
<https://www.immusmol.com/product/d-serine-elisa-kit/>