

IS-I-1100R

## L-Glutamine ELISA kit

The IS-I-1100R Glutamine ELISA kit enables the sensitive and quantitative determination of L-Glutamine (Gln) in plasma, serum, and cell culture supernatants. Cross-validated against LC-MS in human plasma samples, the assay has also been successfully applied to both human and mouse cell culture models (see supporting data). Species-independent and requiring as little as 10 µL of sample, the kit combines high sensitivity with ease of use, making it an ideal tool for both preclinical research and clinical studies.



<b>Sample type</b>	Plasma, serum, cell culture supernatant
<b>Capacity</b>	96-well plate
<b>Sensitivity</b>	3µM
<b>Range</b>	21 - 3125µM
<b>Assay time</b>	Sample preparation 3h, ELISA overnight
<b>Reactivity</b>	Reacts with all species
<b>Application</b>	Research use only
<b>Storage</b>	Store at 2-8°C for to 6 months
<b>Sample collection &amp; storage</b>	EDTA Plasma - store samples at 2-8°C for up to 48h or -20°C for longer period (up to 6 months)
<b>Sample preparation</b>	Sample preparation (3 hours)
<b>ELISA</b>	L-Glutamine 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/l-glutamine-elisa-kit/>