

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  $\mu$ L 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>	3 $\mu$ M
<b>Range</b>	80 – 3125 $\mu$ M
<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/>