

IS-I-1500R

## Citrulline ELISA kit

The Citrulline ELISA kit allows easy and accurate quantification of L-citrulline in plasma samples. Plasma citrulline (CIT) can serve as a biomarker to assess intestinal health (enterocyte function) and disorders related to the urea cycle and nitric oxide biosynthesis (see our [L-Arginine ELISA kit](#)). With a minimal sample volume of 20 µL and a detection limit of 1.47 µM, the kit enables working with samples of human and animal origin.



<b>Sample type</b>	Plasma
<b>Capacity</b>	96-well plate
<b>Sensitivity</b>	1,47 µM
<b>Range</b>	6,4 – 250 µM
<b>Assay time</b>	Sample extraction (2.5h), 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 or Heparin plasma samples only. Do not use haemolytic, icteric or lipemic samples. Storage: up to 24 hours at 2 – 8°C; for longer periods (up to 3 months) at – 20°C
<b>Sample preparation</b>	Sample preparation, precipitation, derivatization (2,5h)
<b>ELISA</b>	Citrulline antiserum incubation (overnight), revelation and read steps (1h)

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