

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.



Sample type	Plasma
Capacity	96-well plate
Sensitivity	1,47 µM
Range	6,4 – 250 µM
Assay time	Sample extraction (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 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
Sample preparation	Sample preparation, precipitation, derivatization (2,5h)
ELISA	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/>