

ISE-0510R

Citrulline-to-Arginine ratio ELISA pack

Measuring the Citrulline-to-Arginine ratio is indicative of nitric oxide synthase (NOS) activity, which converts Arginine into Citrulline and Nitric Oxide (NO). A decreased plasma CIT-to-ARG ratio thus suggests high NO production, and may serve as a biomarker in metabolic and cardiovascular conditions.



Sample type	Plasma, serum
Capacity	2 x 96 tests
Sensitivity	ARG: 2.1µM CIT: 1.47µM
Range	ARG: 5.12 – 200µM CIT: 6.4 – 250µM
Assay time	Sample preparation (3h), ELISA overnight
Reactivity	Reacts with all species
Application	Research use only
Storage	Store at 2-8°C for to 6 months
Sample collection & storage	Plasma: Use EDTA as anticoagulant Serum: Do not use lipemic, haemolytic samples, as well as samples containing precipitates or fibrin strands. Store samples at 2-8°C for up to 48h or -20°C for longer period (up to 6 months)
Sample preparation	Sample preparation (3h)
ELISA	Antisera overnight incubation, revelation and read steps (1h)

To see data, publications, and download instructions for use and MSDS, visit:

<https://www.immusmol.com/product/citrulline-to-arginine-ratio-elisa-pack-serum-plasma/>