

ISE-451000R

## Global Arginine Bioavailability ratio (GABR) ELISA pack

This ELISA pack provides an easy way to assess the plasma/serum Global Arginine Bioavailability Ratio (GABR), defined as arginine/[ornithine + citrulline]. The GABR indicates the availability of arginine for Nitric Oxide production. Low GABR may serve to assess endothelial dysfunction, atherosclerosis, and cardiovascular disorders.



<b>Sample type</b>	Plasma, serum
<b>Capacity</b>	3 x 96 tests
<b>Sensitivity</b>	ARG: 2.1µM ORN: 8.5µM CIT: 1.47µM
<b>Range</b>	ARG: 5.12 – 200µM ORN: 20 – 781.25µM CIT: 6.4 – 250µM
<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>	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)
<b>Sample preparation</b>	Sample preparation (3h)
<b>ELISA</b>	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/global-arginine-bioavailability-ratio-gabr-elisa-pack-serum-plasma/>