

IS-I-0400R

Arginine ELISA kit

The Arginine (L-Arg) ELISA kit enables the quantitative determination of the non-essential amino acid L-Arginine in serum, plasma, and cell culture supernatants. Validated in human plasma with a high correlation to LC-MS results, the assay has also been successfully applied to mouse serum samples (see supporting data). Designed for versatility, the kit is species-independent and requires only a small sample volume (20 µL), making it well-suited for both preclinical research and clinical studies.

[Cited in 3 papers](#)



Sample type	Plasma, serum, cell culture supernatant
Capacity	96-well plate
Sensitivity	2.1µM
Range	12.8 - 500µM
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	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 (3 hours)
ELISA	L-Arginine 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/arginine-elisa-kit/>