

IS-I-1700R

L-Phenylalanine ELISA kit

The L-Phenylalanine ELISA kit enables the sensitive and quantitative measurement of the essential amino acid L-Phenylalanine (Phe) in biological fluids. Validated in human plasma with strong concordance to LC-MS data, the assay has also been successfully applied to alternative matrices such as human sweat. Species-independent, highly sensitive, and requiring only 20 μ L of sample, the kit is user-friendly and well-suited for a broad range of research applications—from preclinical to clinical studies.

[Cited in 1 paper](#)



Sample type	Plasma, serum
Capacity	96-well plate
Sensitivity	1.7 μ M
Range	3.4 – 390 μ M
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	EDTA Plasma – 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-Phenylalanine 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/l-phenylalanine-elisa-kit/>