

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  $\mu$ 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](#)



<b>Sample type</b>	Plasma, serum
<b>Capacity</b>	96-well plate
<b>Sensitivity</b>	1.7 $\mu$ M
<b>Range</b>	10 – 390 $\mu$ M
<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>	EDTA Plasma – 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 (3 hours)
<b>ELISA</b>	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/>