

IS-I-3500R

Phosphoethanolamine (PEA) ELISA kit

The Phosphoethanolamine (PEA) ELISA kit provides a simple, highly sensitive method for quantifying PEA in just 50 µL of plasma from any species. Cross-validated against LC-MS in human plasma, the kit is well-suited for in vitro, preclinical, and clinical studies. This kit is especially valuable to monitor tumor progression (plasma PEA has been reported as a potential biomarker of colorectal, breast, lung cancers), and to assess neurological and metabolic disorders involving aberrant phospholipid biosynthesis and mitochondrial function.



Sample type	EDTA plasma
Capacity	96-well plate
Sensitivity	24 ng/mL
Range	50.6 – 1 128.4 ng/mL
Assay time	Sample precipitation & derivatization 2.5h, 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 precipitation & derivatization (2.5h)
ELISA	PEA 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/phosphoethanolamine-pea-elisa-kit/>