

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.



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| 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/>