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a protein precipitation extraction method [↗](#)

PLOS One

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## EXTERNAL LINK

<https://doi.org/10.1371/journal.pone.0221774>

## THIS PROTOCOL ACCOMPANIES THE FOLLOWING PUBLICATION

Wiraagni IA, Mohd MA, Rashid RbA, Haron DEbM (2019) Validation of a simple extraction procedure for bisphenol A identification from human plasma. PLoS ONE 14(10): e0221774. doi: [10.1371/journal.pone.0221774](https://doi.org/10.1371/journal.pone.0221774)

- 1 The frozen plasma was thawed at room temperature ( $25 \pm 1^\circ\text{C}$ ).
- 2 The thawed plasma was vortexed to ensure the sample was homogenous.
- 3 To each 100  $\mu\text{L}$  plasma sample, 50  $\mu\text{L}$  of internal standard (IS) (containing 2  $\mu\text{g}/\text{mL}$  of IS) was added, followed by the addition of 250  $\mu\text{L}$  of acetonitrile (ACN).
- 4 The mixture was vortexed, shaken for 5 s, and centrifuged for 2 min at 14800 rpm.
- 5 The supernatant was filtered with a 0.2  $\mu\text{m}$  syringe filter, then transferred to new a vial.
- 6 Two microliters were then injected into the LC-MS/MS system.



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