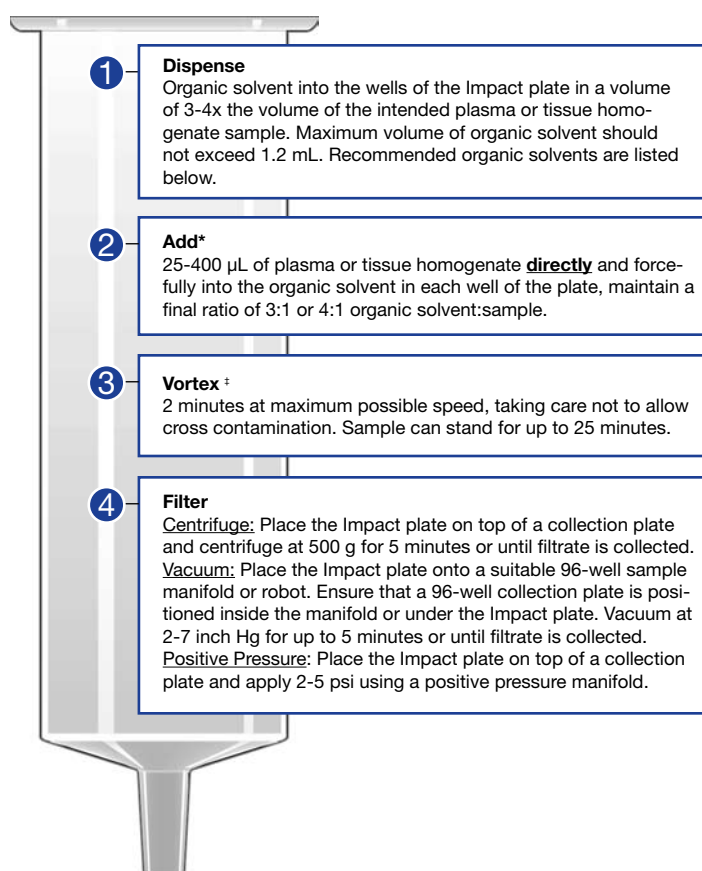


Certificate of Quality Assurance

PROTEIN PRECIPITATION USING IMPACT PLATES

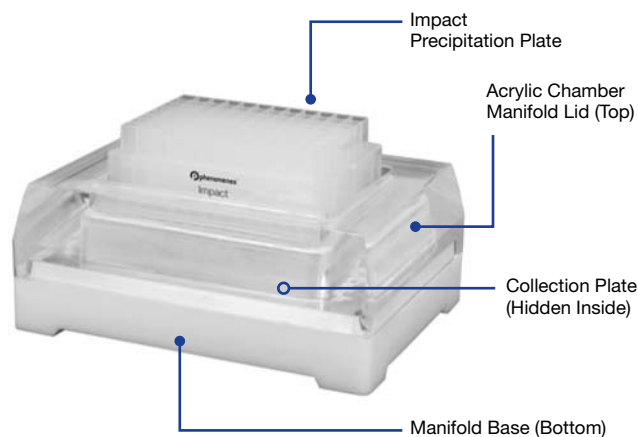
Method 2 mL Impact Plate

Impact protein precipitation plates with Solvent Shielding Technology[™] offer a rapid and convenient way to remove proteins from plasma and tissue samples prior to analysis. The Solvent Shielding Technology design will withhold organic solvents above the filter membranes for up to 25 minutes, allowing for direct in-well precipitation upon sample addition. The precipitate is then filtered out via vacuum, centrifuge or positive pressure resulting in a clean, protein depleted extract.



* A 3:1 v/v ratio of organic solvent to biological sample will dilute your sample less. In contrast, a 4:1 v/v ratio of organic solvent to biological sample will ensure a more complete precipitation. A 4:1 v/v ratio is recommended when using methanol.

† When used with a liquid-handling instrument or automation, aspirate/dispense cycles may be used to promote in-tip mixing and precipitation. This will ensure complete precipitation and filtration. Vortexing is not necessary when in-tip precipitation is performed.



Product Specifications

Impact Plates	
Recommended Organic Solvents	Acetonitrile Methanol
Recommended Biological Samples	Plasma Tissue homogenate
Maximum Biological Sample Volume	400 µL
Recommended Minimum Organic Solvent:Biological Sample Ratio	3:1 to 4:1 (v/v)
Maximum Total Combined Liquid Volume (Organic Solvent plus Biological Sample)	1.6 mL
Leak Resistant Time	Up to 25 minutes with no vacuum/pressure

Ordering Information

Part No.	Description	Unit
CEO-7565	Impact Protein Precipitation, Square Well, Filter Plate, 2 mL	2/Box
AH0-8950	Strata [®] 96-Well Plate Manifold, Universal with Vacuum Gauge	ea
AH0-7192	Strata 96-Well Collection Plate, 350 µL Conical Polypropylene	50/pk
AH0-7193	Strata 96-Well Collection Plate, 1 mL Conical, Polypropylene	50/pk
AH0-7194	Strata 96-Well Collection Plate, 2 mL Conical, Polypropylene	50/pk
AH0-7279	Strata 96-Well Collection Plate, 1 mL Round, 7 mm, Polypropylene	50/pk
AH0-8635	Strata 96-Well Collection Plate, 2 mL Square/Round-Conical, Polypropylene	50/pk
AH0-8636	Strata 96-Well Collection Plate, 2 mL Round/Round, 8 mm, Polypropylene	50/pk
AH0-8597	Sealing Mats, Pierceable, 96 Square Well, Silicone	50/pk
AH0-8598	Sealing Mats, Pre-Slit, 96-Square Well, Silicone	50/pk

Terms and Conditions

Subject to Phenomenex Standard Terms & Conditions, which may be viewed at www.phenomenex.com/TermsAndConditions

Trademarks

Strata is a registered trademark of Phenomenex.
Impact and Solvent Shielding Technology are trademarks of Phenomenex.

For any questions, assistance, or troubleshooting please contact your Sample Preparation Specialist at Phenomenex.