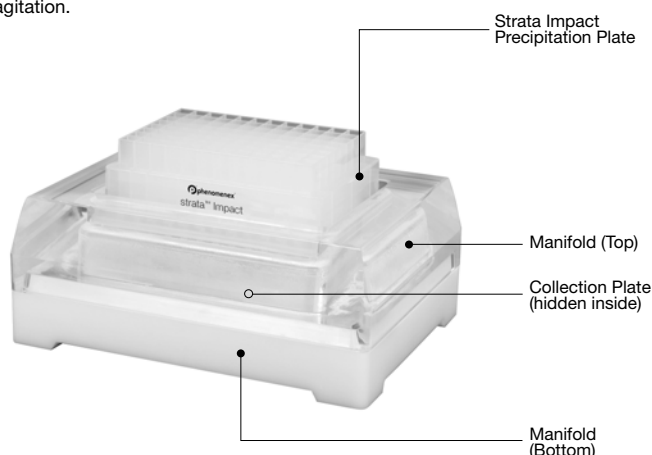
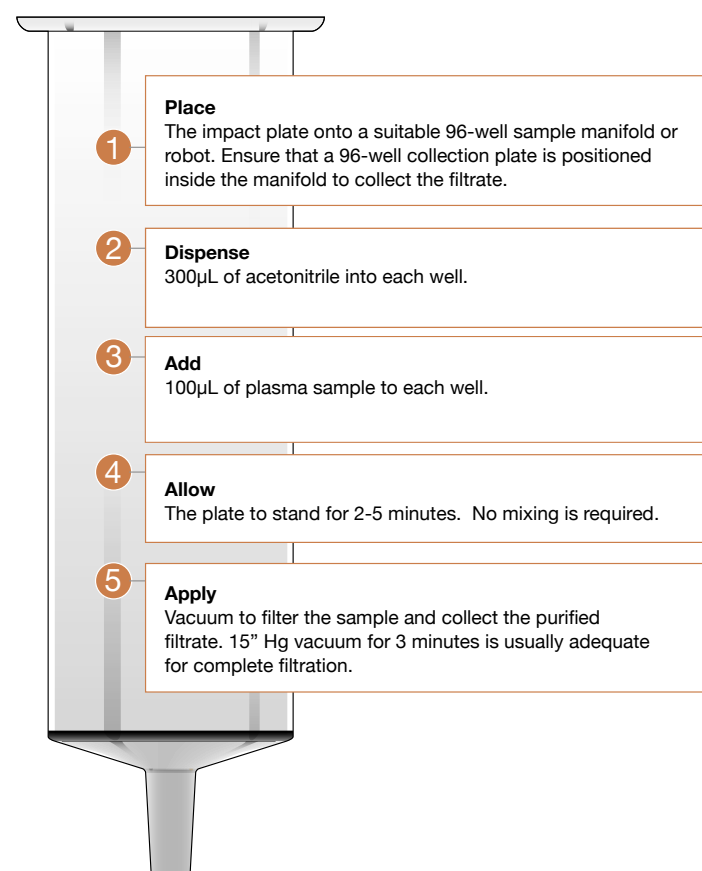


PROTEIN PRECIPITATION USING STRATA™ IMPACT PLATES

Strata Method* 2mL Strata Impact Plate

Strata™ Impact protein precipitation plates with Solvent Shielding Technology™ offer a rapid and convenient way to remove proteins from plasma samples prior to analysis. The addition of an oleophobic membrane to the filter stack prevents premature leakage of organic solvent and allows the scientist to decant acetonitrile directly into the plate allowing "solvent first" methods which require no off-line agitation.



Product Specifications: Strata™ Impact:

Maximum Sample Volume:	450µL plasma (before dilution)
Recommended Minimum Dilution:	3:1 (v/v) organic to plasma
Maximum Total Liquid Volume:	2mL combined plasma + organic.
Leak Resistant Time:	Acetonitrile 25 minutes with no vacuum/pressure

Precipitation Solvent	Solvent:Sample Ratio
Acetonitrile	3:1
Acetone	3:1
Methanol	4:1
Ethanol	3:1
10% TCA	3:1
10% HClO ₄	3:1

*The method describes the "Solvent First-No Agitation" procedure for processing of 100 µL plasma. Plasma volumes greater or less than 100 µL may be processed by simply scaling volumes up or down as required, always maintaining a minimum of 3:1 (v/v) organic to plasma.

Ordering Information

Order Number	Description	Unit
CEO-7565	2mL Strata Impact square Well-Plate	2/Box
AHO-7284	96-Well plate manifold	ea
AHO-7194	2mL square well collection plate	50/pk
AHO-7195	Pierceable sealing mat	50/pk

For a digital copy of this Technical Note, please visit www.Phenomenex.com/TechNotes/GPPPT2



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