

Protein Crash Filter Plates

- ➔ Semi-automate your protein crash assays
- ➔ Speed up your analysis—Allows high throughput sample prep
- ➔ Improve reproducibility—Protein precipitate is removed by filtration
- ➔ Eliminate supernatant transfer step

Our protein crash plate allows simple, rapid, high throughput sample preparation. The graded frit design is optimized to efficiently remove precipitated protein without plugging or breakthrough.

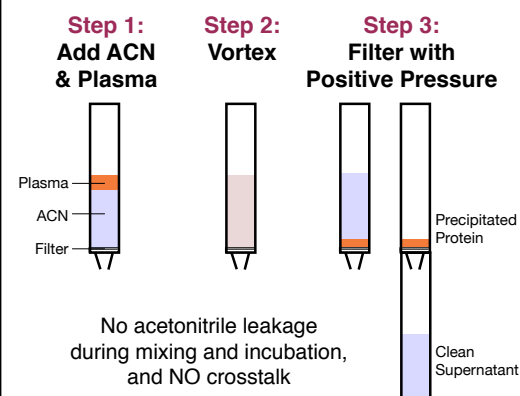
Protein precipitation can be accomplished in the plate wells, minimizing sample handling. Protein precipitate is removed by filtration, eliminating time consuming centrifugation and transfer steps.

These plates are compatible with all existing industry standard liquid handling stations.

Protein Crash Filter Plates Protocol

1. Acetonitrile/serum is used in the ratio of 3:1 (v/v).
2. The serum is spiked with the standard.
3. Acetonitrile and serum sample is added to the well.
4. Cover plate with cap mat and vortex.
5. The plates may be vortexed with collection trays in place so the plate tips do not come in contact with the vortexer platform.
6. The samples may be extracted with positive pressure using our 96 positive pressure processor (288-0001).

Semi-Automate Protein Crash



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CT-V2600
Vortexer



288-0001
Positive Pressure
Manifold



500090
Plate Sealer

PROTEIN CRASH 96 WELL FILTER PLATES

DESCRIPTION	VOL/ WELL	QTY	PART NO
Protein crash filter plate, 0.2 µm cut-off	2 mL	20	OC-9270B-20

96 WELL PLATE ACCESSORIES

DESCRIPTION	QTY	PART NO
Round 1 mL collection plate	50/cs	96-6001
Square 2 mL collection plate	50/cs	96-6009
Adhesive Free Zone Sealing Film	50/cs	ZAF-PE-50
Capmat for square well filter plate	50/cs	96-0662
96 Round Sealing Silicone Mat, 7mm	10/pk	96M-03
2 mil Blue PTFE 96-Well Pattern Film	100/cs	BST-9790
5 mil Blue PTFE 96-Well Pattern Film	100/cs	BST-9791

96 WELL PLATE INSTRUMENTATION

Vortexer, 0 – 2600 rpm, 0 – 60 sec. timer	ea	CT-V2600
Positive Pressure Manifold for 96 well plate	ea	288-0001
MiniSeal II Semi-Automatic Heat Sealer	ea	500090



Visit our website at www.chromtech.com
for more detailed product information



See 96 Well-Plate Instrumentation
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