

### Advantage™ Protein Crash Plates for Protein Precipitation & Hepatocyte Filtration

- Proprietary frits produce optimized Protein Precipitation
- Use for Plasma, Urine, and other bioanalysis samples
- Works on all current manual or automated processing instrumentation

Advantage™ Protein Crash Plates for protein precipitation provide an extremely simple and rapid method for removing protein compounds from samples prior to downstream analysis. The plate has a unique hydrophobic membrane configuration which retains the acetonitrile/sample mixture during mixing or inoculation steps. The pore size of the filter decreases with the increase in depth so that larger particles and/or macromolecules are trapped on the surface and throughout the interior of the filter. The components are all medical grade polypropylene. The ending filtrate is ready for HPLC or MS analysis.

### Advantage™ 1mL 96-Well Protein Crash Plates

| Cat. No. | Description                           | Qty |
|----------|---------------------------------------|-----|
| 60513    | 1mL Protein Precipitate 96 Well Plate | 1   |
| 60513-5  | 1mL Protein Precipitate 96 Well Plate | 5   |

### PRODUCT NOTE:

Our 1 mL Protein Crash Plates are made under tight tolerances in our NJ facility. We are able to provide this product at a price point that makes protein precipitation plates a viable option once again! Check our web site or call for pricing.

### Implementation in a new or existing assay couldn't be easier!

#### Example Protocol for the Advantage™ Protein Precipitation Filter Plates:

Add desired organic solvent (typically 3 x sample volume).  
Add sample (unknown, Std, QC, etc).  
Cover Filter Plate and Vortex.  
Draw liquid through filter via Centrifugation. Vortex again for 1 minute.  
You can also filter via vacuum. Extract samples with our 96 position Vacuum Manifold.

NOTE: Each well can hold up to 1.0 mL of liquid above the filter.  
ACN or MeOH will not break through our filter plates for hours.

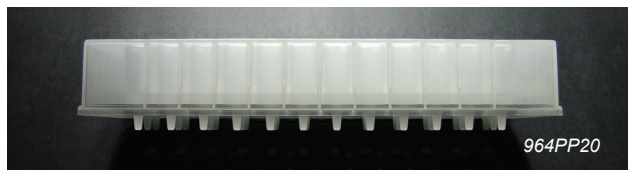
When covering the filter plate we recommend using our Silicone/PTFE cap mat (#965007) or sealing film (#961801).



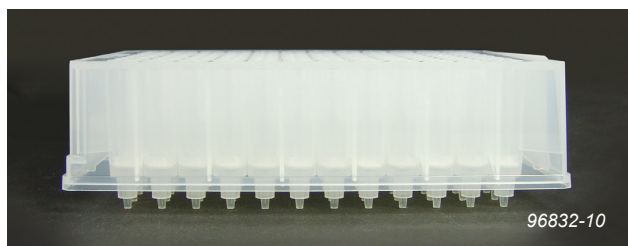
### Advantage™ 2mL 96-Well Protein Crash Plates

| Cat. No. | Description                         | Qty |
|----------|-------------------------------------|-----|
| 60223    | 2mL, 96-Well Plate w/ Grated Screen | 1   |
| 60223-5  | 2mL, 96-Well Plate w/ Grated Screen | 5   |
| 60223-10 | 2mL, 96-Well Plate w/ Grated Screen | 10  |
| 60223-25 | 2mL, 96-Well Plate w/ Grated Screen | 25  |

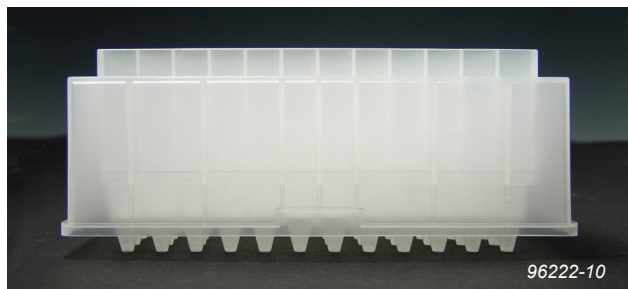
## Drug Discovery 96-Well Filter Plates



964PP20



96832-10



96222-10

| Cat. No. | Description                                       | Qty |
|----------|---|-----|
| 96122-10 | 1mL Hydrophobic PP, 0.20µm*                       | 10  |
| 96222-10 | 2mL Hydrophobic PP, 0.20µm                        | 10  |
| 96154-10 | 1mL Hydrophobic PP, 0.45µm                        | 10  |
| 96254-10 | 2mL Hydrophobic PP, 0.45µm*                       | 10  |
| 964PP20  | 400µL Hydrophobic PP, 0.20µm, Long Drip           | 25  |
| 964PP45  | 400µL Hydrophobic PP, 0.45µm                      | 25  |
| 96045    | 800µL Hydrophobic PP, 0.45µm, Long Drip*          | 25  |
| 968PV20  | 800µL PVDF, 0.20µm                                | 25  |
| 96232-10 | 2mL Filter Plate, 0.20µm PTFE Membrane            | 10  |
| 960985   | 300µL 96-Well Glass Membrane Filter Plates, 1.0µm | 50  |
| 960400   | 400µL 96-Well Glass Membrane Filter Plates, 1.0µm | 25  |

\* Often used for metal catalysis workflows



38407

## General Filtration 384-well Filter Plates

| Cat. No. | Description                                       | Qty |
|----------|---|-----|
| 38407    | 384-Well Filter Plates, 140µL, Glass Fiber, 0.7µm | 10  |
| 38412    | 384-Well Filter Plates, 140µL, Glass Fiber, 1.2µm | 10  |
| 38405    | 384-Well Filter Plates, 140µL, Glass Fiber, 5.0µm | 10  |
| 384451   | 384-Well Filter Plates, 140µL, PVDF, .45µm        | 10  |

## General Filtration 96-well Filter Plates

- Use prior to LCMS and Microarraying
- Filtration of Tissue Culture Media, Antibiotics, Alcohols and protein Solutions

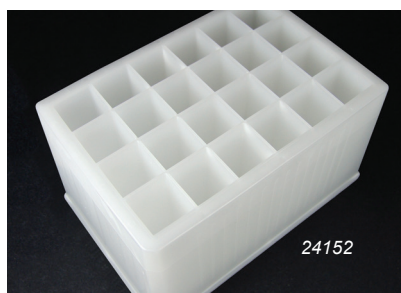


Low Protein Binding - Sample in Solvent

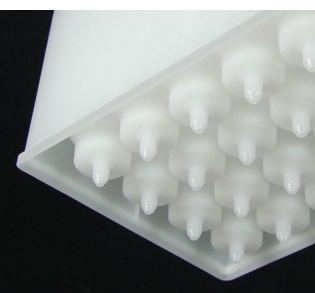
| Cat. No. | Description                  | Qty |
|----------|------------------------------|-----|
| 96152-10 | 1mL Hydrophilic PP, 0.20µm   | 10  |
| 96432-10 | 1mL Hydrophilic PVDF, 0.20µm | 10  |
| 96465-10 | 2mL Hydrophilic PVDF, 0.20µm | 10  |
| 96832-10 | 1mL Hydrophilic PVDF, 0.45µm | 10  |
| 96835-10 | 2mL Hydrophilic PVDF, 0.45µm | 10  |
| 96155-10 | 1mL Hydrophilic PP, 0.45µm*  | 10  |
| 96245-10 | 2mL Hydrophilic PP, 0.45µm   | 10  |
| 96205-25 | 2mL, Glass Fiber, 5.0µm      | 25  |

General Biological Filtration - Aqueous Sample

| Cat. No. | Description                    | Qty |
|----------|--------------------------------|-----|
| 96620-10 | 1mL Nylon Filter Plate, 0.20µm | 10  |
| 96210-10 | 2mL Nylon Filter Plate, 0.20µm | 10  |
| 96110-10 | 1mL Nylon Filter Plate, 0.45µm | 10  |
| 96255-10 | 2mL Nylon Filter Plate, 0.45µm | 10  |



24152



## 24-well Filter Plates

| Cat. No. | Description  | Qty |
|----------|--|-----|
| 24152    | 24 Well Filter Plate, PE 25µm, 15mL                              | 15  |
| 24465    | 24-Well Filter Plate, 0.2µm PVDF Membrane, 10mL/well, Long Drip  | 25  |
| 24463    | 24-Well Filter Plate, 0.45µm PVDF Membrane, 10mL/well, Long Drip | 25  |
| 24469    | 24-Well Filter Plate, 0.2µm PES Membrane, 10mL/well, Long Drip   | 25  |
| 24467    | 24-Well Filter Plate, 0.45µm PES Membrane, 10mL/well, Long Drip  | 25  |
| 24171    | 24-Well Filter Plate, 25µm PE Membrane, 10mL/well, Long Drip     | 25  |
| 241010   | 24 Well Filter Plate, 10µm Hydrophobic PP, 15mL Volume           | 25  |

## Molecular Weight Cut-off (MWCO) Filter Plates

| Cat. No. | Description   | Qty  |
|----------|---|------|
| 964014   | 400µL 96-Well MWCO Filter Plate with 10KDa PES Membrane   | 25   |
| 964016   | 400µL 96-Well MWCO Filter Plate with 30KDa PES Membrane   | 25   |
| 964097   | 400µL 96-Well MWCO Filter Plate with 100KDa PES Membrane  | 25   |
| 964099   | 400µL 96-Well MWCO Filter Plate with 300KDa PES Membrane  | 25   |
| 967101   | 750µL 96-Well MWCO Filter Plate with 100KDa PES Membrane  | Each |
| 967102   | 750µL 96-Well MWCO Filter Plate with 200KDa PES Membrane  | Each |
| 967103   | 750µL 96-Well MWCO Filter Plate with 300KDa PES Membrane  | Each |
| 967201   | 750µL 96-Well MWCO Filter Plate with 100KDa PVDF Membrane | Each |
| 967202   | 750µL 96-Well MWCO Filter Plate with 200KDa PVDF Membrane | Each |
| 967225   | 750µL 96-Well MWCO Filter Plate with 250KDa PVDF Membrane | Each |
| 967205   | 750µL 96-Well MWCO Filter Plate with 500KDa PVDF Membrane | Each |
| 967208   | 750µL 96-Well MWCO Filter Plate with 800KDa PVDF Membrane | Each |

Can't find the membrane or pore size you're looking for? Request a custom filter plate from Analytical Sales and Services! Call, Email, or Schedule a Virtual Meeting (Main Page → Contact Us → Schedule Meeting) today to discuss your application and needs.