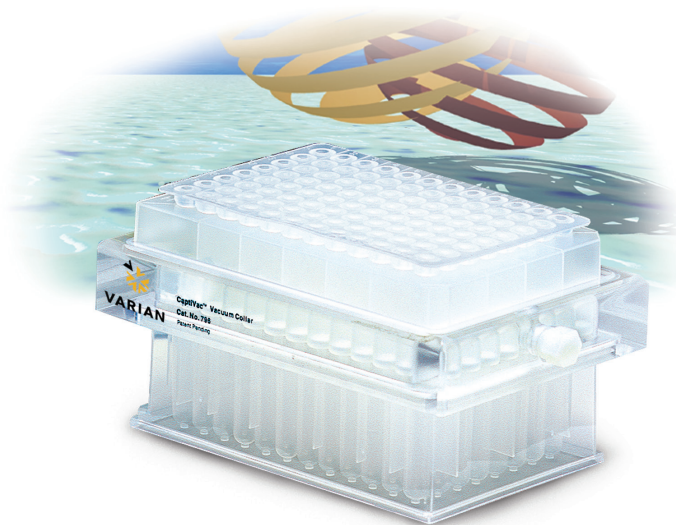


Captiva™

CAPTIVA 96-WELL FILTRATION PLATES

Advanced Filtration Products for Sample Preparation



Captiva filtration products are the perfect solution for rapid removal of particulate-laden samples such as precipitated plasma proteins. Captiva provides fast and efficient flow and excellent resistance to clogging, allowing direct injection of sample into your analytical system without the need for centrifugation.

Key Benefits

- ▶ **Centrifugation-free protein precipitation.** Simple vacuum filtration of organic crash solutions affords particulate free, clear samples. This pellet-free approach means that you can directly inject your sample from the collection plate.
- ▶ **Faster sample processing.** Highly amenable to automated platforms, Captiva is faster than centrifugation, providing vacuum filtration and collection of 96 samples in one step.
- ▶ **High quality, simple to use, robust design.** With an ultra-clean polypropylene housing that is free of non-specific binding, Captiva filtration plates provide fast and efficient flow, thorough precipitate filtration and outstanding resistance to clogging.
- ▶ **Formats for multiple applications.** With a choice of four porosities (0.2, 0.4, 10 and 20 μm) and three base membranes (polypropylene, polyvinylidene fluoride and glass fiber), Captiva fits most applications.

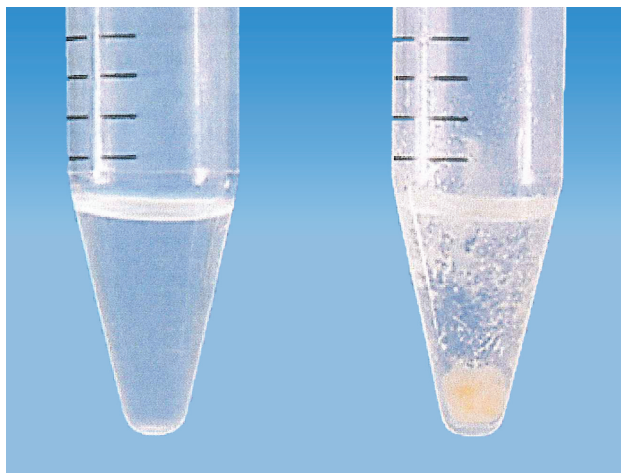
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Agilent Technologies

Captiva 0.2 and 0.45 µm: comprehensive removal of precipitated proteins

Captiva's unique dual-depth filtration media provides enhanced removal of precipitated proteins while offering outstanding resistance to clogging, with no loss of analytes due to non-specific binding. All Captiva components are ultra-clean, and rigorously tested to ensure that your samples are processed quickly, cleanly and reliably. Captiva is easily automated for enhanced productivity, and excellent for sample storage. There is no need for time-consuming sample transfer steps associated with conventional precipitation. Simple to follow methods lead to clean, clear filtrates which are ready for injection in minutes. In addition, because Captiva samples are pellet-free, you can inject your sample directly from the collection plate.



Which sample would you rather inject?

Both samples were prepared by precipitating 200 µL plasma with 800 µL acetonitrile. The Captiva filtered sample on the left is clean, clear, pellet-free, and ready for injection in minutes. The plasma sample on the right was centrifuged at 3000 rpm for 5 minutes after precipitation.

Captiva 10 µm and 20 µm filters: avoid blockage of your analytical process

The Captiva 10 µm and 20 µm polypropylene filter plates are designed for filtering highly particle-laden samples, such as freshly thawed plasma and hepatocyte filtration. Reduction of mechanical particulates prevents liquid handling problems such as pipette blockages.

Ordering Information

Captiva 96-well filter plates, (5x96-well)

Pore Size (µm)	Filter Material	Part No.
0.20	Polypropylene	A5960002
0.20	Polypropylene Bulk Pack (100 x 96-well)	A5960002B
0.45	Polyvinylidene fluoride and Polypropylene	A5967045
	Polypropylene	A5960045
10.00	Glass Fiber	A596401000
20.00	Polypropylene	A596002000
	Polypropylene Bulk Pack (100 x 96-well)	A596002000B



Captiva™ 96-well Filter Kits

For combined ease-of-use and new method development, Captiva 96-well filtration products are available in starter kits. These contain everything you need to get your filtration application up and running. Replacement kits include everything you need to replenish your Captiva system.

Ordering Information

Captiva starter kits

Pore Size (µm)	Filter Material	Part No.
0.20	Polypropylene	A59600025K
0.45	Polyvinylidene fluoride and Polypropylene	A59600455K
10.00	Glass Fiber	A596401000SK
20.00	Polypropylene	A596002000SK

1 CaptiVac Vacuum Collar, 5 Captiva Filter Plates, 10 Duo Seal 96 96-well plate seals, 5 Captiva 96-Deep Well 1 mL Collection Plates, 5 Captiva collection plate pierceable covers.

Captiva replacement kits

Pore Size (µm)	Filter Material	Part No.
0.20	Polypropylene	A5960002K
0.45	Polypropylene	A5960045K
	Polyvinylidene fluoride and Polypropylene	A5960045K
20.00	Polypropylene	A596002000K

5 Captiva Filter Plates, 10 Duo Seal 96-well plate seals, 5 Captiva 96-Deep Well 1 mL Collection Plates, 5 Captiva collection plate pierceable covers.

Captiva Filter Cartridges: all the benefits of Captiva in a standard SPE cartridge

- Standard SPE tube format
- Suitable for larger plasma samples
- Simple handling for individual samples

Captiva filter cartridges bring all of the benefits of Captiva filtration to the standard SPE cartridge format. The 0.2 µm and 0.45 µm depth filter cartridges are ideal for protein precipitation applications.

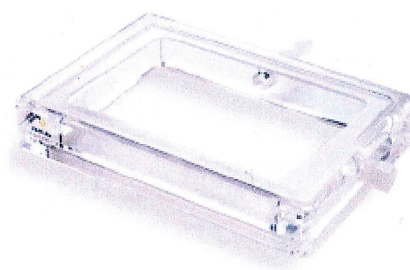
Captiva filter cartridges, (100/pk)

Pore Size (µm)	Filter Material	Volume (mL)	Part No.
0.20	Polyvinylidene fluoride and Polypropylene	3	A5300002
0.45	Polyvinylidene fluoride and Polypropylene	3	A5307045

CaptiVac™ Vacuum Collar: prevents cross-contamination

- Pre-aligned for trouble free operation
- Simple, cost-effective solution

This patented vacuum collar joins Captiva directly onto our collection plate. The unique design of the CaptiVac collar forms a pre-set, pre-aligned vacuum seal between the filtration plate and the collection plate, which positions the outlet tips at a specified distance inside each well, preventing cross-contamination of samples.



Ordering Information

CaptiVac vacuum collars

Description	Part No.
CaptiVac Vacuum Collar	A796

CaptiVac accessories

Description	Part No.
CaptiVac Gasket Kit (5/pk)	A796G

Captiva™

Captiva™ 96-well Collection Plates and Cover: Prevent Sample Contamination

- Designed for Captiva filtration
- Silicone cover preserves sample integrity

Captiva 96-well Collection Plates are specially designed for use with Captiva Filtration Plates. The 1 mL capacity provides the volume needed to collect all of your filtrate. Captiva Pierceable 96-well silicone covers are easily applied to seal the individual sample wells. This ensures no sample loss due to spillage or evaporation, and reduces the chance of sample contamination. The silicone membrane is compatible with 96-well auto injectors, providing easy syringe needle penetration and removal.

Ordering Information

Captiva 96-well collection plates and cover, (10/pk)

Description	Part No.
Captiva 96-well Collection Plate	A696001000
Captiva Pierceable 96-well Collection Plate Cover	A8961007
DuoSeal 96	A8961008



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