



Reimagine sample prep for top-down and bottom-up proteomics.

Proteoform Scientific is empowering researchers with new technology to simplify protein sample preparation in both top-down and bottom-up proteomics. The ProTrap XG is a disposable cartridge that provides fast, reproducible, and robust results. It solves one of the biggest challenges in proteomics research, sample prep throughput. The ProTrap XG helps proteomics researchers gain important workflow efficiencies so that new prevention, diagnosis, and treatment solutions for precision medicine can reach patients faster.

PURITY & YIELD

Optimal protein characterization means working with the purest sample and the highest recovery of all proteins.

The ProTrap XG delivers unmatched protein purity of 99.8% and recovery greater than 95%.

The ProTrap XG purifies protein samples to below 10 ppm SDS and enables subsequent protein digestion, cleanup, and fractionation all in one cartridge. Mass spectrometry data is only as good as the samples used during analysis. The ProTrap XG solves many of the technical challenges of sample prep.

SIMPLICITY & SPEED

Consistency and efficiency are key to simplifying protein analysis workflows. The ProTrap XG eliminates tedious pipetting steps, offering consistency, scalability, and versatility in the sample prep process.

With the ProTrap XG, protein samples can be prepared in minutes compared to traditional methods which take hours and sometimes days.

Purity.

Provides the cleanest protein samples.

Yield

You won't see what's not there.

Simple

Purify. Concentrate. Digest.
Separate. All with one device.

Authorized Sales Agent:



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THE RIGHT TOOLS DELIVER BETTER RESULTS

Many researchers find conventional methods of precipitation challenging, requiring tedious pipetting often leading to variable consistency and yield. Some methods show a loss of 50% or more of the sample, making analysis even more difficult.

The ProTrap XG is a two-stage, disposable filtration and extraction cartridge that takes the guesswork out of sample prep. The Filtration Cartridge contains a porous PTFE membrane which traps aggregated proteins while contaminants flush through. The SPE Cartridge enables subsequent cleanup, buffer exchange and desalting, as well as protein fractionation.

The cartridges operate in a conventional bench-top centrifuge. Simply add your protein, precipitate, and spin.

Features & Benefits

- 99.8% protein purity
- >95% protein recovery
- Prepare samples in minutes not hours or days
- Eliminates time consuming pipetting and delivers consistency in samples
- Cost-effective per sample prepared
- Supports streamlined workflows and training

ORDERING INFORMATION

ProTrap XG—10PK
Cat. No. PXG-0001
Quantity/Box: 10

ProTrap XG—50PK
Cat. No. PXG-0002
Quantity/Box: 50

ProTrap XG—100PK
Cat. No. PXG-0003
Quantity/Box: 100

ABOUT PROTEOFORM SCIENTIFIC INC.

Proteoform Scientific Inc. is a Canadian-based developer and manufacturer of devices and solutions for the growing field of proteomics research. Our products help researchers improve sample preparation workflows for better analysis. For more information visit proteoform.com

