SizeX IMCStips®
for Dynamic Devices

HIGH THROUGHPUT BUFFER EXCHANGE MADE EASY

SizeX IMCStips® are miniaturized size exclusion chromatography columns designed for fully automated, rapid buffer exchange, or desalting. SizeX IMCStips are packed with hydrophilic polymeric resin, which allows for remarkable chemical and physical stability for a variety of size exclusion chromatography applications. SizeX IMCStips are compatible with both Verified Volume Pipetting (VVP) and Standard Technology (ST) for the **Dynamic Devices Lynx®** platform. Rapidly process up to *96 samples in 15 minutes or less.*
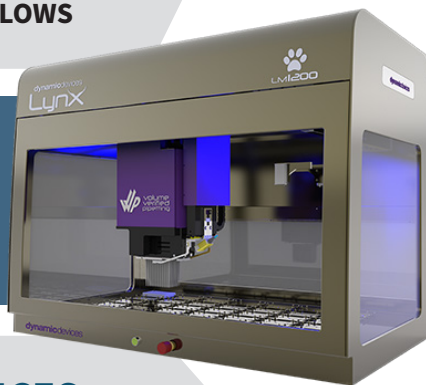
CONSISTENT RESULTS

HIGH RECOVERIES

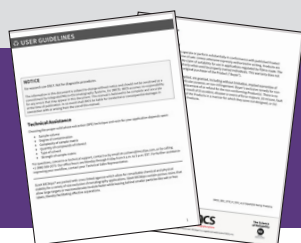**FASTER WORKFLOWS**

Lynx
liquid handling platform

SIZEX IMCSTIPS + DYNAMIC DEVICES = A WINNING COMBINATION

- Process up to *96 samples in 15 minutes or less!*

- *Compatible* with both Verified Volume Pipetting (VVP) *and* Standard Technology (ST) pipetting.

- Get started quickly with *pre-templated scripts.* We provide the scripts so you can *Just Click Go!*

Resin

Available for
- 100 µL
- 150 µL
- 750 µL
- 1000 µL
sample load

Frit

User Guidelines

To ensure the seamless integration of IMCStips, IMCS provides technical support and templated scripts along with user guidelines for each application.

Consistent recoveries across multiple sample volumes

- SizeX IMCStips®on the Dynamic Devices Lynx offers a size-exclusion buffer-exchange workflow compatible with an array of sample types.
- Recoveries of greater than 80% were achieved for sample volumes ranging from 100 µL to 1000 µL. Small molecule contaminants were removed with up to 99% efficiency.
- Each workflow was completed in between 10 to 20 minutes.

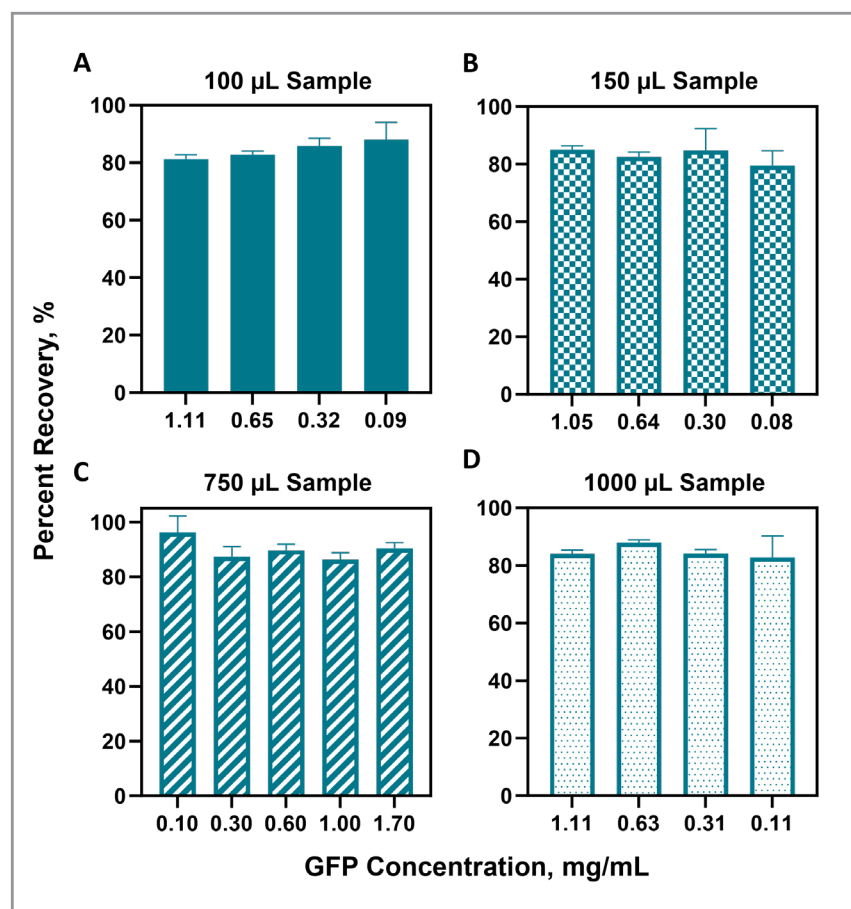| Sample Volume	Sample Protein	% Protein Recovery	Elution Volume	% Salt Removed
100 µL	GFP	84 ± 3	103 ± 3 µL	98
150 µL	GFP	83 ± 2	153 ± 2 µL	98
750 µL	GFP	90 ± 5	748 ± 41 µL	99
1,000 µL	GFP	85 ± 4	1034 ± 15 µL	99

Figure. Protein recovery of His-tagged GFP across multiple concentrations (n=4 per concentration) measured via NanoDrop. **(A)** 100 µL sample volume using SizeX$_{100}$ **(B)** 150 µL sample volume using SizeX$_{150}$ **(C)** 750 µL sample volume using SizeX$_{750}$ **(D)** 1000 µL sample volume using SizeX$_{1000}$.

To learn more about the benefits of IMCStips and Dynamic Devices and to view our catalog, scan the QR code or go to:

https://imcstips.com/dynamic-devices/

Ready to simplify your sample prep?
Contact us for a *FREE* sample of IMCStips today!

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