

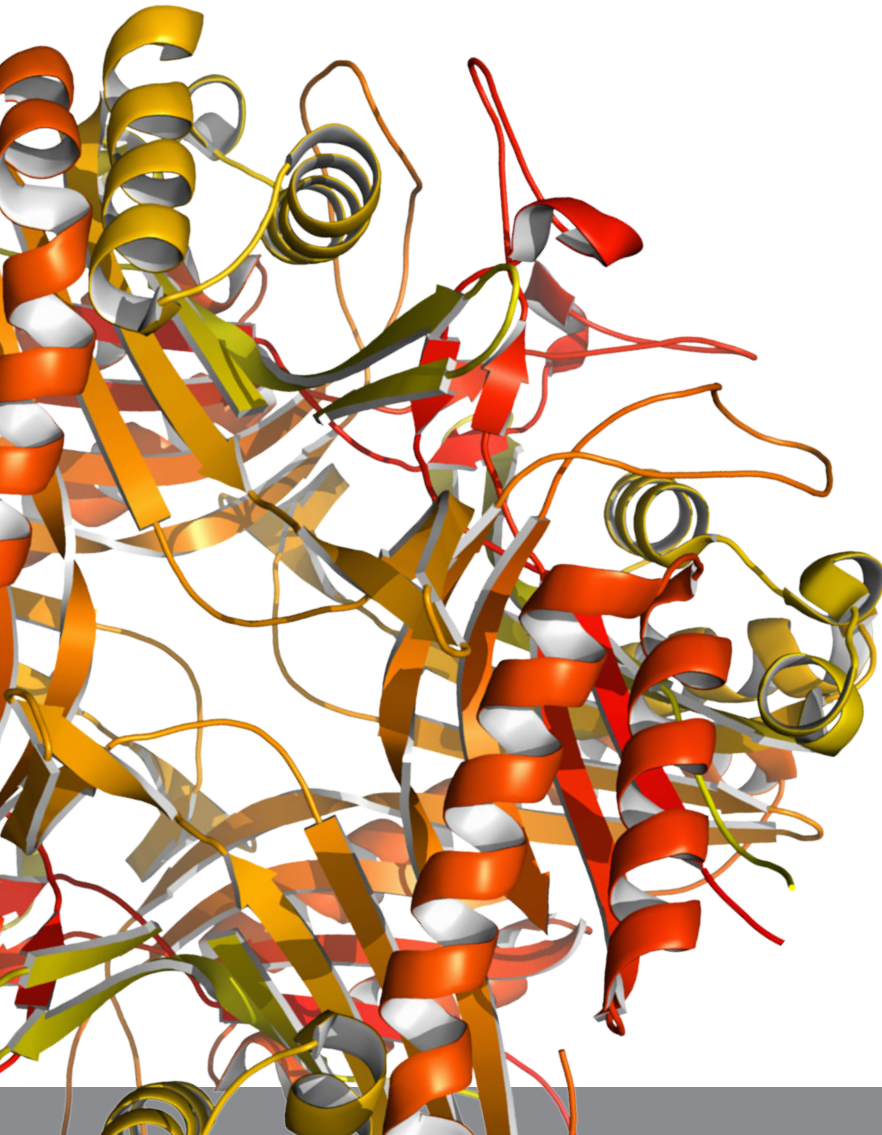
Effortless Formulation with FormPrep



Up Your Formulation Game

Every day it's a new formulation challenge; weird proteins, higher protein concentrations, more projects, and tighter timelines. Old-school manual processes just won't get it all done.

It's time to up your formulation game!



Meet FormPrep

FormPrep automates formulation preparation, buffer exchange, and sample concentration in one simple, easy-to-use system.

0.5–8
milliliters

12
formulations

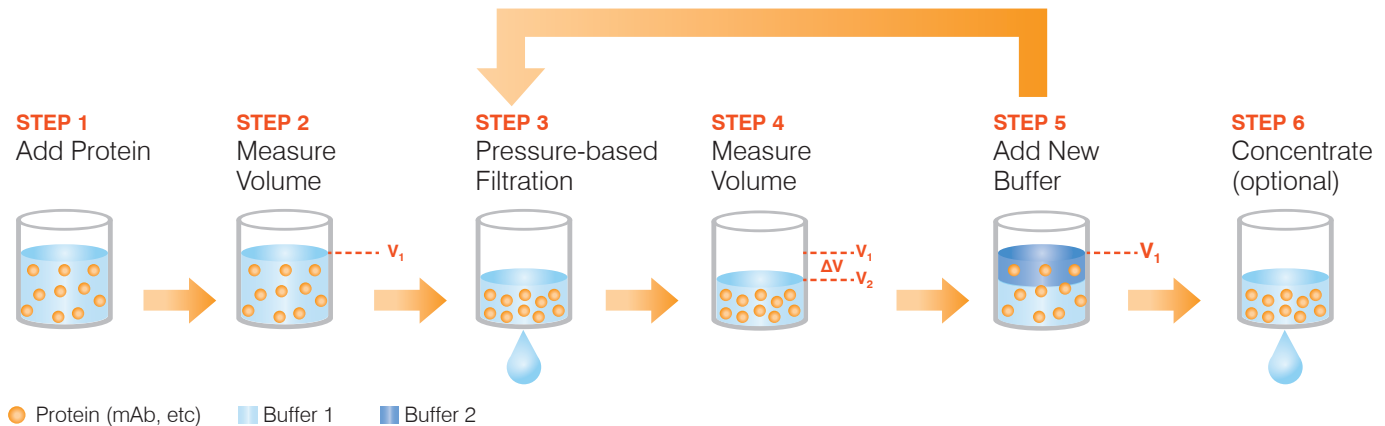
In just
1 day

Up to
200
mg/mL



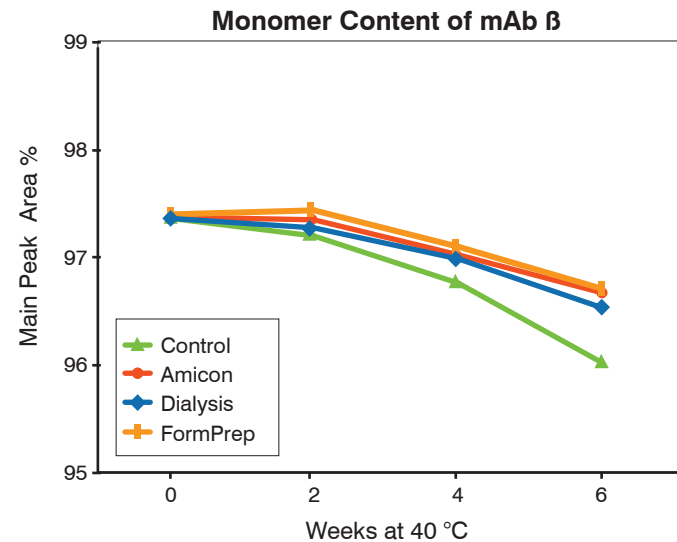
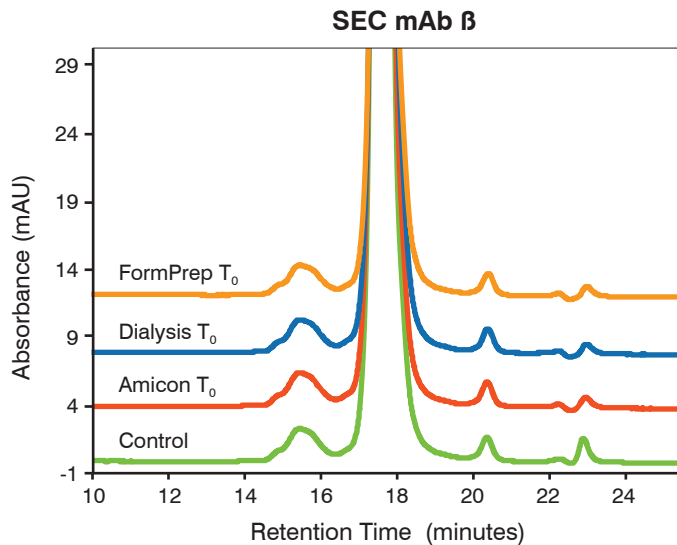
Never Dialyze Again

Forget about dialysis cassettes, desalting columns, and running back and forth to the centrifuge. FormPrep's innovative micro UF/DF method is ideal for small volume buffer exchange. Temperature control, multiple processing options, and a final protein concentration step help you tackle your biggest formulation challenges.



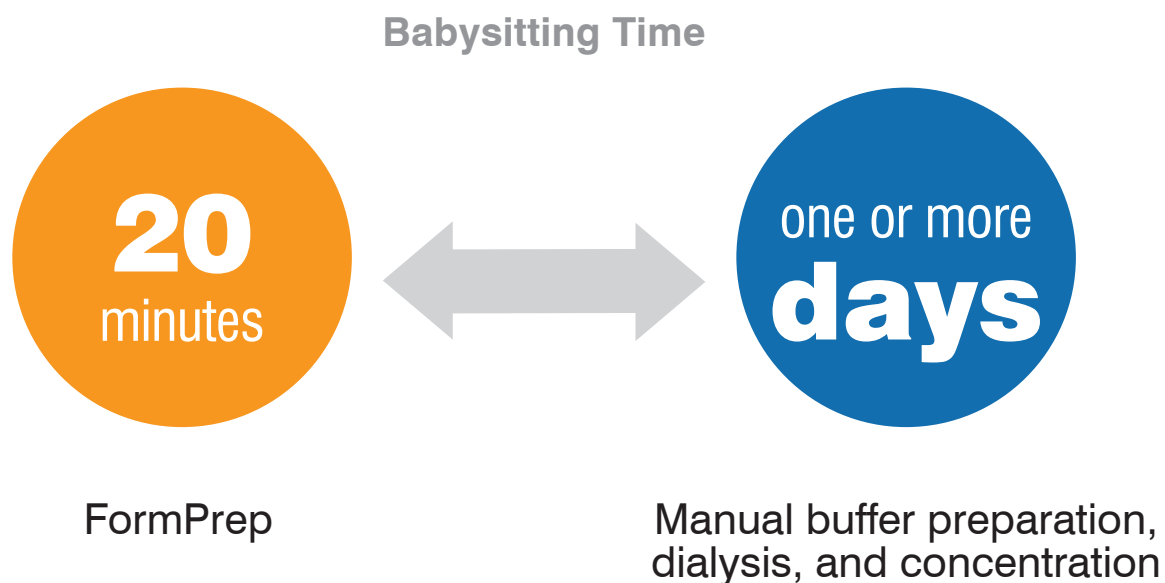
With Confidence

Designed and tested with Biopharma, FormPrep can handle whatever protein you throw at it. Accurate formulation preparation combined with precise pH measurement guarantee consistency. Multiple buffer exchange options allow you to optimize the process to your protein.



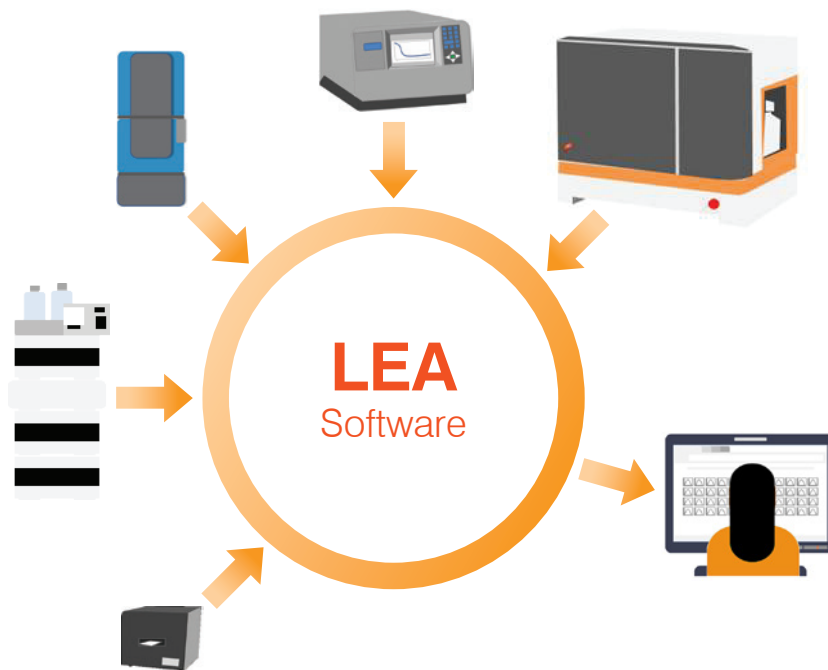
Better Formulations, Faster

Buffer preparation, exchange, and sample concentration for a formulation screen can take 2-4 days of a scientist's time. Liberate yourself from those tasks. FormPrep does it start to finish on its own so you can focus on doing science. Never dialyze again and get a day back!



Change the Game

Add Freeslate's LEA software to FormPrep and corral all your formulation data in a single database for easy reporting and analysis. LEA allows you to track and link all your analytics and stress conditions back to the original formulation and share it across your organization.



FormPrep Specifications

DESCRIPTION	SPECIFICATION
Operational Modes	Buffer preparation Buffer exchange and concentration
Formulations	Up to 12 formulations in parallel
Volume	0.5–8 mL for each formulation
Protein Concentration*	Up to 200 mg/mL
Recovery*	≥ 92%
pH Measurement and Titration	Calibration: 2-3 standards Resolution: 0.01 pH units Accuracy: ± 0.05 pH units Precision: ±0.02 pH units
Inputs	12 stock buffers 8 excipients 6 surfactant

DESCRIPTION	SPECIFICATION
Protein Temperature Range	2 °C to ambient
Buffer Exchange Temperature Range	2 °C to 40 °C
Physical	36 in. x 26 in. x 22 in. (W x H x D)
Electrical	US: 120 ± 10% VAC, 60 Hz, 10 A EU: 220 ± 10% VAC, 50 Hz, 5 A
Nitrogen	Purity: 95% to 99.999% Pressure: 500 KPa (0.18 CFM at 70 PSI) Flow Rate: 5 SLM (standards liters per minute)
Compressed Air	Pressure: 0.5 MPa to 0.9 MPa (70 PSI to 130 PSI) Flow Rate: 16 L/min (8 mm hose)

*System performance will depend on the nature of the protein and formulation being processed.