

EASYELUTE LARGE VOLUME CONCENTRATION SYSTEM

FLUIDPREP™

by INNOVAPREP®

*High target recovery from
large volumes - FAST*

SINGLE-USE KIT HIGH CAPACITY
(5, 10, 100 liters or more)

FAST FILTRATION VIA ULTRAFILTER

IMMEDIATE SAMPLE RECOVERY



Highly efficient for viruses, bacteria, fungal spores and
fragments, whole cell, exosomes, parasites and more

Improve detection of trace microorganisms

Optimized workflow to stay ahead of
contamination and illness threats

TRANSFORMS WORKFLOWS | EFFECTIVE | USER-FRIENDLY OPERATION

EasyElute

LVC KIT

High-flow 30 kD Ultrafilter
with 2.5m² surface area

Easy hook up. Tubing and
connectors are provided

Works with a variety of pumps
or can be used on taps

Sample recovery using Wet
Foam Elution™ takes just seconds

Approx. 70 mL final
concentrate volume for
improved concentration factor



EasyElute LVC Kit

Workflow

With InnovaPrep's Wet Foam Elution™ method, extracting particles from liquids goes from complex to simple!



COLLECT

Using your own pump, collect your targets by filtering your sample through the ultrafilter.



PREP

Efficiently elute the filter by depressing the EasyElute buffer canister into the filter to instantly recover the trapped organisms.



DETECT

The eluted sample pairs perfectly for both traditional culture or rapid molecular analysis methods, including PCR and next-generation sequencing.

- Using robust filtration and InnovaPrep's patented Wet Foam Elution™ process, the system delivers a highly concentrated sample that improves sensitivity for detection.
- Use the **CP Select** for optional second stage concentration to further optimize concentration factor.

PREP DETAILS

Applications

ENVIRONMENTAL
MONITORING

EPIDEMIOLOGY

FOOD & BEVERAGE
SAFETY

Effective For

- **VIRUSES**
- **BACTERIA**
- **FUNGAL SPORES & FRAGMENTS**
- **WHOLE CELLS**
- **EDNA**
- **PARASITES**
- **MORE...**



Wet Foam Elution™

PATENTED TECHNOLOGY

InnovaPrep® products use a patented technology for exceptionally fast and efficient concentration based on:

- Capture of microorganisms or particles from large volumes of liquid or air using robust filtration
- Instant recovery using Wet Foam Elution™ (WFE)

WFE uses a weak surfactant as a foaming agent and dissolved gas packaged in quick release canisters to dispense a powerful, yet gentle elution.

During elution, a small volume of buffer is quickly dispensed — expanding 6x into a viscous wet foam that lifts the trapped particles from the filter. Within seconds, the foam returns to a liquid, ready for downstream culture, molecular, sequencing or other advanced detection methods. The exceptional characteristics of the wet foam enable **concentration factors, up to 10,000x**.

FluidPrep Elution Buffer

- Two standard elution buffers: PBS & Tris
- Extremely gentle for optimal results
- Custom formulations are available





Broad Utility

TO CONCENTRATE TARGETS OF
INTEREST FROM LARGE
SAMPLE VOLUMES

- Produce rinse water
- Food Safety
- Wastewater
- Aquaculture
- Irrigation
- Source Waters
- Recreational Waters
- Building water systems

FLUIDPREP[™]
by INNOVAPREP[®]

Transform your workflow to reduce sample-to-result time.

Detecting biological contaminants and pathogens requires effective sample prep and rapid sample-to-result turnaround. Traditional sample preparation is time-consuming and recovery of target organisms is hindered by matrix complexity and sample volume. Our patented sample prep technology simplifies sample preparation and streamlines your ability to detect biological targets with greater sensitivity and speed.

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INNOVAPREP[®]
Sample prep made simple

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