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

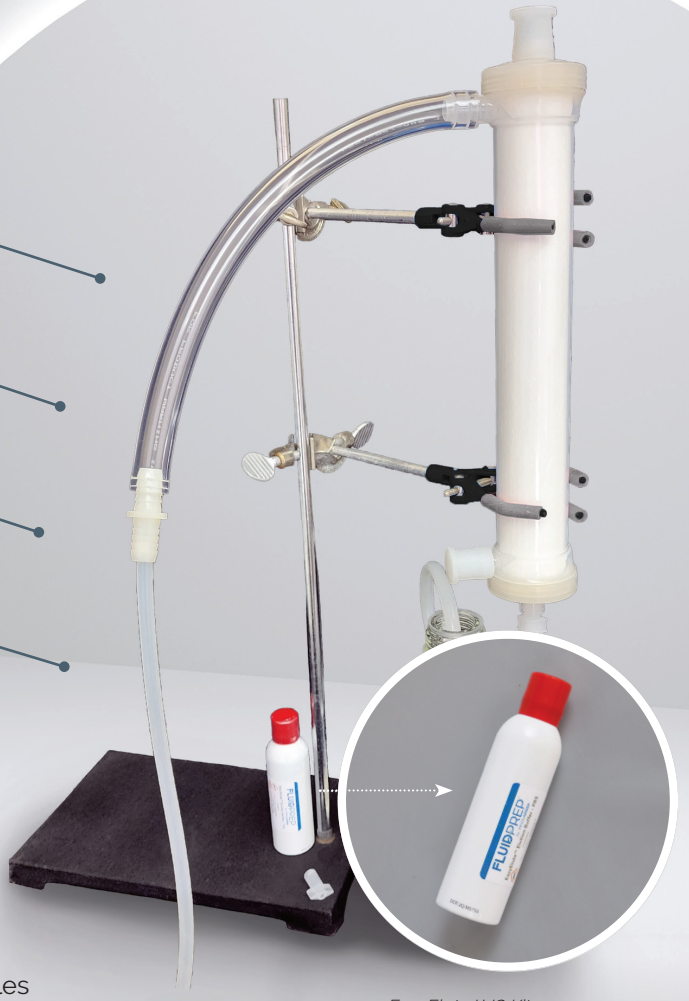
Optimized workflow to stay ahead of contamination and illness threats

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.

PREP DETAILS

- 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.

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

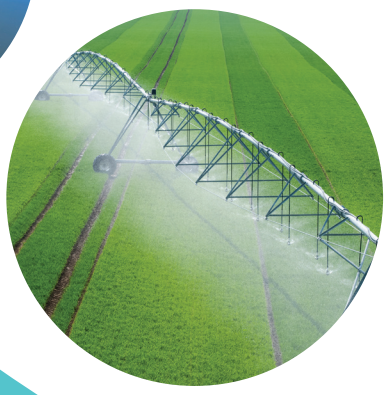
ANIMAL HEALTH & AQUACULTURE

TREATED & UNTREATED WATER
(e.g. Recreational, Industrial, Pools & Spas, Drinking, Building and Source Waters)

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.

INNOVAPREP
Sample prep made simple

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An ISO 9001:2015 Certified Company

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