

AquaVial EX

Very Sensitive Refill Kit — enhanced 100 mL sample concentration

Manufactured by ExactBlue Technologies Inc.

Very Sensitive Refill Kit

ASX-025

AquaVial EX is a patented (PCT/CA2021/050834) nutrient based detection system, designed to allow qualitative detection of waterborne microorganisms (Enterococcus, E. coli and Coliforms) in environmental and treated water (drinking, swimming and industrial water). The very sensitive refill kit (ASX-025) includes components needed to concentrate a water sample for enhanced sensitivity, to be used with AquaVial EX reagent vial refill kits (ACX-025 and AEX-025).

Analytical Performance

Detection Range	Sample Size
1 CFU/100 mL	100 mL

To be used with AquaVial EX test vial refill kits (ACX-025 and AEX-025) to enhance the detection limit to 1 CFU/100 mL by concentrating a larger water sample.

Components

Filter

Filter Style	Syringe filter tips
Filter Dimensions	Length: 125 +/- 2mm; Tip diameter: 4.7 – 5.3 mm
Design	Narrow housing to minimize hold-up volume and enable easy aspiration and dispensing in ampoules, test tubes, and other small vessels
Membrane	0.1µm PES hollow fiber
Filtration Surface	> 36–40 cm ²
Inlet Style	Female luer lock

Saline Solution Vial

Vial Dimensions	H (cap on): 47mm, H (cap off): 45mm, Diam: 10mm
Vial Volume	2.0 mL
Vial Material	Plastic vial
Reagent Volume	1.0 +/- 0.1 mL
Reagent Type	Backwash solution
Sterilization	Microfiltration + autoclave

Syringe

Volume	50 mL
Style	Luer lock
Type	Single or multiple use

Product Packaging and Storage

Attribute	Value	EXACTBLUE TECHNOLOGIES INC
Kit content	25 filters, 25 saline solution vials, 1 syringe	490 Sheldon Dr. Cambridge, ON, Canada N1T 2C1
Packaging	White box	T: 1.866.574.8929 E: info@exactblue.com
Storage	Store in a cool, dry place	
Shelf life	2 years from date of manufacturing	