

ExactBlue EZ

Rapid field-portable total bacteria screening for water applications

EBZ-001

Total Bacteria 1-Pack

ExactBlue EZ Bacteria test kit is a rapid screening method designed as a simple, convenient and economical tool to be used as an early warning system for bacteria, fungi, and biofilm contamination. The test is designed to detect any waterborne bacteria or fungi, including Mycobacteria spp, E. coli and other coliform bacteria such as Klebsiella spp, Legionella spp, Bacillus spp, Pseudomonas spp, Staphylococcus spp, Salmonella spp, and fungi such as Aspergillus spp and Candida spp. ExactBlue EZ Bacteria test is not a substitution for E. coli or coliform testing in areas where the government requires drinking water testing to be done at a certified lab.

Analytical Performance

Detection Limit	Time to Result
500 CFU/mL	5 minutes

ExactBlue EZ is also available for the detection of coliform (ECZ-001) and E. coli (EEZ-001).

Device and Reagent Configuration

Reagent Vial

Vial Dimensions	H: 81mm (no cap), 122mm (with cap); W: 13mm
Vial Volume	8.0 mL
Vial Material	Plastic vial
Sample Volume	8.0 mL
Cap Material	Plastic cap
Cap Reagent Type	Chemically functionalized gold nanoparticles (antibody-free)
Cap Volume	2 mL
Cap Reagent Volume	0.5 mL
Maximum Absorption Wavelength	635 +/- 3 nm
Maximum Absorption	0.4 +/- 0.05
Colour Change	Purple

Packaging and Storage

Attribute	Value
Kit content	1 test vial with filled cap
Packaging	White and transparent product pouch
Storage	Store in a cool, dry place
Shelf life	2 years from date of manufacturing

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