

# ExactBlue EZ \*

Field-portable coliform and E. coli screening for drinking water applications



Manufactured by ExactBlue Technologies

**ECZ-001 Coliform 1-Pack**

**EEZ-001 E. coli 1-Pack**

### ECZ-001 | Coliform

Field-portable screening test designed to detect coliform bacteria above the 1 CFU/10 mL detection limit. Detects  $\beta$ -D-glucuronidase-positive coliform bacteria.

### EEZ-001 | E. coli

Field-portable screening test designed to detect E. coli bacteria above the 1 CFU/10 mL detection limit. Detects  $\beta$ -D-glucuronidase-positive E. coli bacteria.

*Semi-quantitative test. Detection limit can be adjusted by changing incubation duration or sample volume.*



**6-24 h time to result**

**Purple or blue result**

## Analytical performance

Detection threshold	Incubation at 35-40°C	Incubation at 20-25°C
1 CFU/mL	6 hours	18 hours
1 CFU/10 mL (10 CFU/100 mL)	8 hours	24 hours

Also available for total bacteria detection: EBZ-001.

## Device and reagent configuration

Parameter	Specification
Vial dimensions	H: 81 mm (no cap), 122 mm (with cap); W: 13 mm
Vial volume	8.0 mL
Vial material	Plastic vial
Vial reagent type	Selective nutrient media
Sample volume	8.0 mL
Cap material	Plastic cap
Cap reagent type	Contrast solution
Cap volume	2 mL
Cap reagent volume	0.5 mL
Colour change	Purple or blue

## 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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