



## MicroSnap™ | Enrichment Broth 2mL



Find support documents, instructional videos, and more at [www.hygiena.com](http://www.hygiena.com)

Compatible with MicroSnap Coliform & E. coli Devices



MicroSnap Coliform & *E. coli* Enrichment Broth (2mL) is designed for testing large-volume filterable liquids such as water and beverages where low-level contamination with Coliform bacteria is a concern. The Enrichment Broth is used in conjunction with MicroSnap Coliform or *E. coli* Detection Devices. After filtering a liquid sample through 0.45 micron filter, the membrane of the filter is added to a petri dish with the MicroSnap Enrichment Broth 2mL in order to enrich the sample. After enrichment, an aliquot of sample is transferred to a MicroSnap Detection Device for rapid detection and enumeration of Coliform bacteria. The test uses a novel bioluminogenic reaction that generates light when enzymes that are characteristic of specific bacteria react with specialized substrates. The light-generating signal is then quantified in the EnSURE luminometer. Single figure organisms can be detected in 8 hours, delivering results in the same working day or shift, so product can be released earlier or corrective actions may be taken sooner.

### Benefits:

- 6 hour quantitative results (CFU counts)
- 8 hour presence/absence results
- Broad CFU detection range (1 – 10,000 CFU/ml)
- Pass/Fail result at required detection levels are easy to understand
- Same-day results allow for timely corrective action or earlier product release, reducing inventory and warehouse costs
- In-house testing reduces costs from outside lab fees
- Validated against EPA method
- AOAC Research Institute *Performance Tested Method* (#071302)
- 12 month shelf life at refrigerated temperatures (2 – 8 °C)



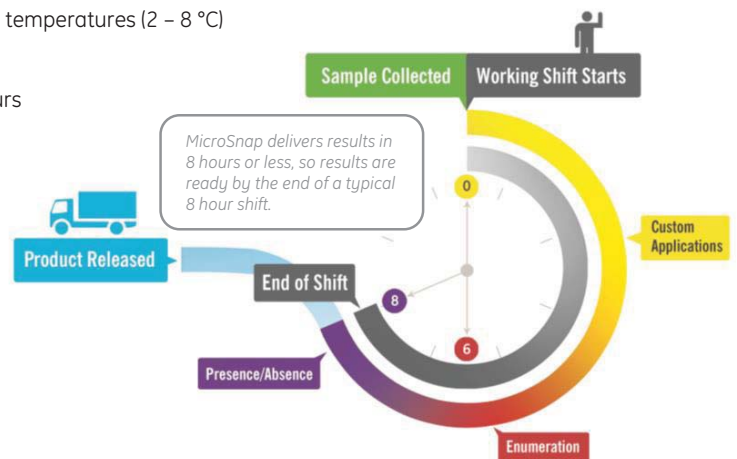
T: 02 8212 4074 F: 02 9423 6992  
[info@keydiagnostics.com.au](mailto:info@keydiagnostics.com.au)  
[www.keydiagnostics.com.au](http://www.keydiagnostics.com.au)  
 PO Box 1038, Gymea, NSW, 2227

### Sensitivity:

- Detects down to <10 CFU in 8 hours

### CFU : RLU - Conversion

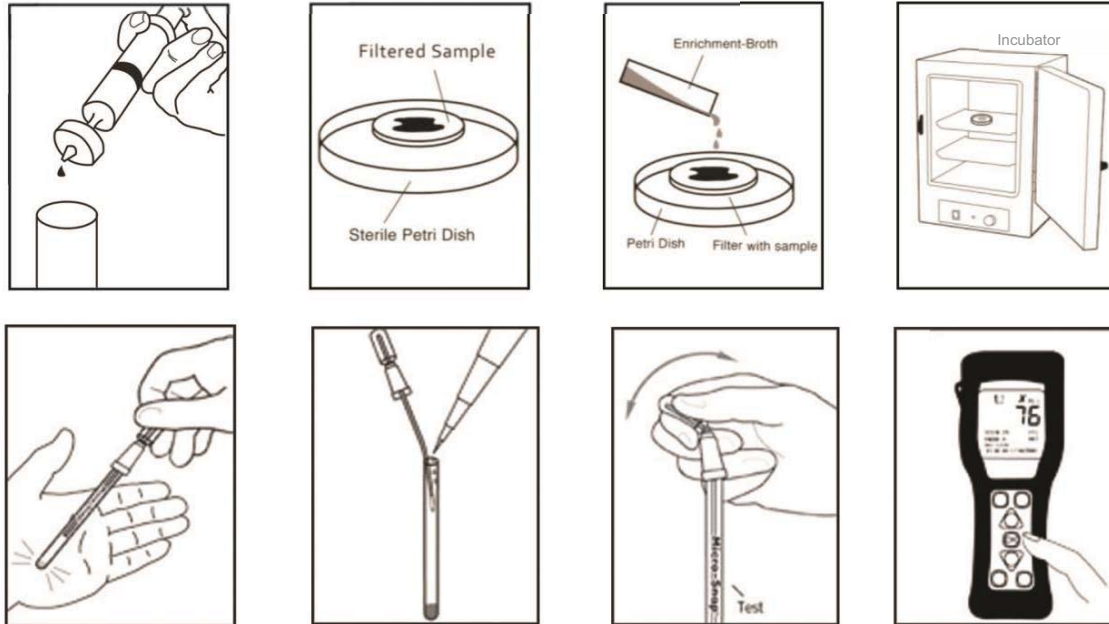
CFU/ml or g	Coliform (RLU)
<10	<2
<20	<4
<50	<7
<100	<12
<200	<20
<500	<35
<1,000	<60
<5,000	<180
<10,000	<300



Catalog No.	Description	Quantity
MS1-CEC-BROTH-2ML	MicroSnap Coliform & <i>E. coli</i> Enrichment Broth (2mL)	100

REVA 032015

### MicroSnap Enrichment Broth 2mL Procedure:



### Related Products:

#### EnSURE Monitoring System

EnSURE is a high-sensitivity luminometer that measures multiple quality tests such as ATP, EB, TVC, Coliform, *E. coli*, and more all on one system. The system includes SureTrend data tracking software to record, trend and analyze test results.

#### MicroSnap Coliform & *E. coli*

MicroSnap Coliform & *E. coli* are rapid tests for the detection and enumeration of Coliform bacteria. Results are available in 8 hours or less. MicroSnap Coliform & *E. coli* detect down to 1-10 CFU of Coliform bacteria.



#### AquaSnap Total & Free

AquaSnap measures ATP found in liquid samples, such as CIP system rinse water, utilizing a honey dipper collection tip to consistently collect 100 µl of sample. AquaSnap is available in Total and Free formats. Used together, AquaSnap Total and Free provide an estimate of microbial contamination in a sample in just 15 seconds.



Catalog No.	Description	Quantity
ENSURE	EnSURE Monitoring System with SureTrend Software	1
See catalog	MicroSnap Coliform	100
See catalog	MicroSnap <i>E. coli</i>	100
AQ-100X	AquaSnap Total	100
AQ-100FX	AquaSnap Free	100