



MicroSnap™ | *E. coli*



MicroSnap *E. coli* is a rapid test for detection and enumeration of *Escherichia coli*. The test uses a novel bioluminogenic reaction that generates light when enzymes that are characteristic of *E. coli* bacteria react with specialized substrates. The light generating signal is then quantified in the EnSURE luminometer. Results are available in 8 hours or less, depending upon required level of detection. Single figure organisms can be detected in 8 hours, delivering results in the same working day or shift.



Watch an instructional demo at youtube.com/HygienaTV

Benefits:

- 6 hour quantitative results (CFU counts)
- 8 hour presence/absence results
- Broad CFU detection range (10 – 10,000 CFU) means fewer dilutions and less sample prep saving time and money
- Suitable for product or environmental samples
- Pass/Fail result at required detection levels are easy to understand
- Uses common microbiology sample preparation for product samples
- Same day results allow for timely corrective action
- In-house testing reduces costs from outside lab fees
- AOAC Research Institute *Performance Tested Method* (#071302)
- 12 month shelf life at refrigerated temperatures (2-8°C)



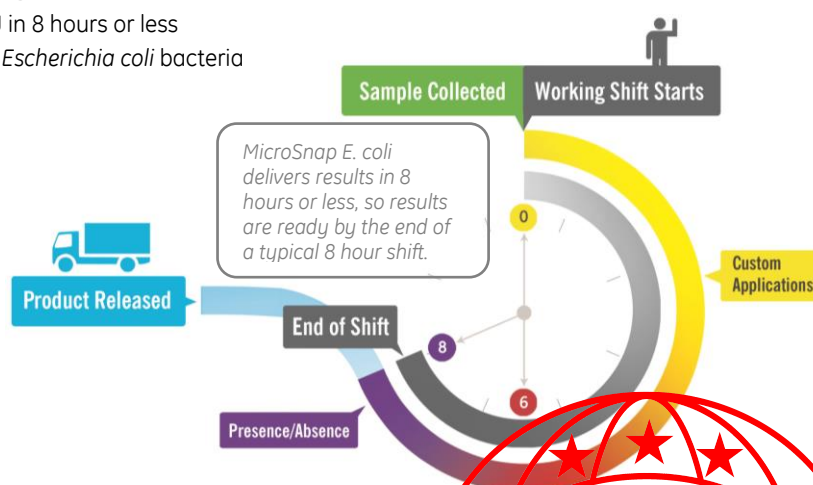
Find support documents, instructional videos, and more at www.hygiena.com

Sensitivity & Specificity:

- Detects down to <10 CFU in 8 hours or less
- MicroSnap *E. coli* detects *Escherichia coli* bacteria

CFU : RLU - Conversion

CFU/ml or g		<i>E. coli</i> (RLU)
<10	≈	<2
<20	≈	<4
<50	≈	<7
<100	≈	<12
<200	≈	<20
<500	≈	<35
<1,000	≈	<60
<5,000	≈	<180
<10,000	≈	<300



Catalog No.

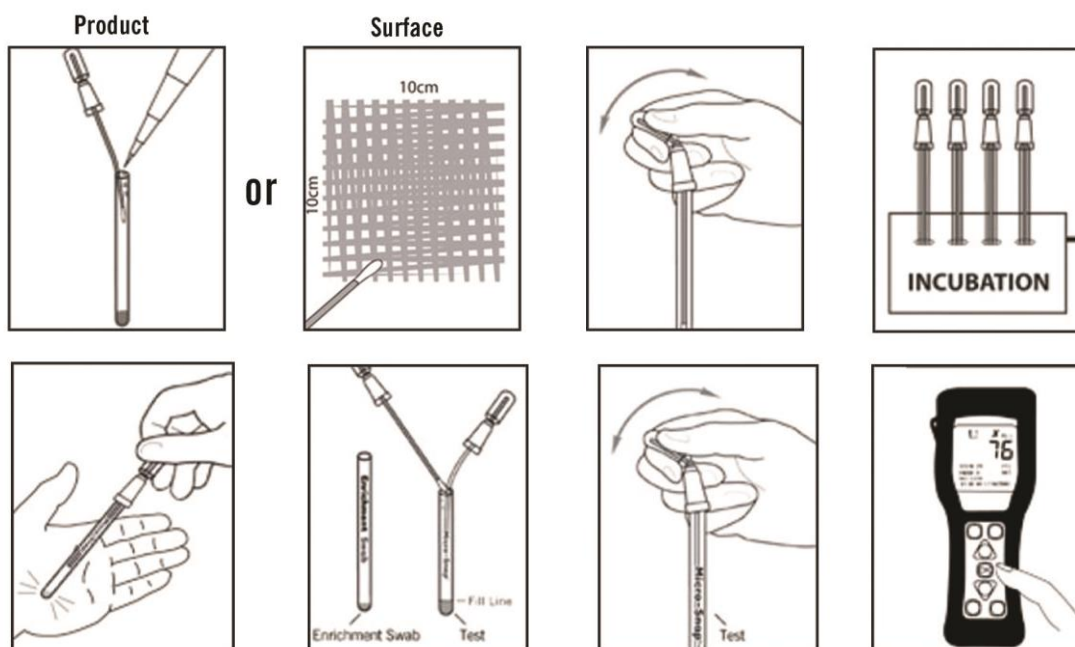
Description

MS-E-CEC	MicroSnap Coliform & <i>E. coli</i> Enrichment Device
MS-E-CEC-BROTH	MicroSnap Coliform & <i>E. coli</i> Enrichment Broth
MS-ECOLI	MicroSnap <i>E. coli</i> Detection Device

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MicroSnap *E. coli* Procedure:

Watch an instructional video at youtube.com/HygienaTV



Related Products:

EnSURE

EnSURE is an easy-to-use, hand-held, high-sensitivity luminometer that measures multiple quality tests such as ATP, 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

MicroSnap Coliform is a rapid test for detection and enumeration of Coliform bacteria. Results are available in 8 hours or less. MicroSnap Coliform detects down to 1-10 CFU of Coliform bacteria.

MicroSnap Total

MicroSnap Total delivers total viable organism test results in 7 hours, giving you the advantage of knowing microbial levels in the same working day or shift. MicroSnap Total detects down to <100 CFU of Gram positive and Gram negative aerobic and facultative anaerobic bacteria.

MicroSnap Enterobacteriaceae (EB)

MicroSnap EB delivers TVC test results in 7 hours, giving you the advantage of knowing microbial levels in the same working day or shift. MicroSnap EB detects down to 50 CFU Enterobacteriaceae bacteria and can be used as an indicator for *Salmonella* spp.

Catalog No.	Description	Quantity
ENSURE	EnSURE Monitoring System with SureTrend Software	1
See catalog	MicroSnap Coliform	100
See catalog	MicroSnap Total	100
See catalog	MicroSnap Enterobacteriaceae	100



MicroSnap™ | Total Viable Count

MicroSnap Total is a rapid test for the detection and enumeration of total viable bacteria in 7 hours or less. The test uses a novel bioluminogenic test reaction that generates light when viable bacteria are present. The light generating signal is then quantified with the EnSURE luminometer. MicroSnap Total's same day results enable immediate corrective action to be taken if necessary. MicroSnap Total is AOAC-RI PTM Validated for a variety of food matrices. (Lic # 031501)

Benefits:

- Results in 7 hours or less
- Broad CFU detection range (100-10,000 CFU) means fewer dilutions and less sample prep saving time and money
- Suitable for product or environmental samples
- Pass/Fail result at required detection levels are easy to understand
- Quantitative results (CFU counts)
- Uses common microbiology sample preparation for product samples
- Equivalent results to other culturing methods
- In-house testing reduces costs from outside lab fees
- AOAC-RI PTM validated (#031501)
- 12 month shelf life at refrigerated temperatures (2 – 8 °C)



Watch an instructional demo at youtube.com/HygienaTV



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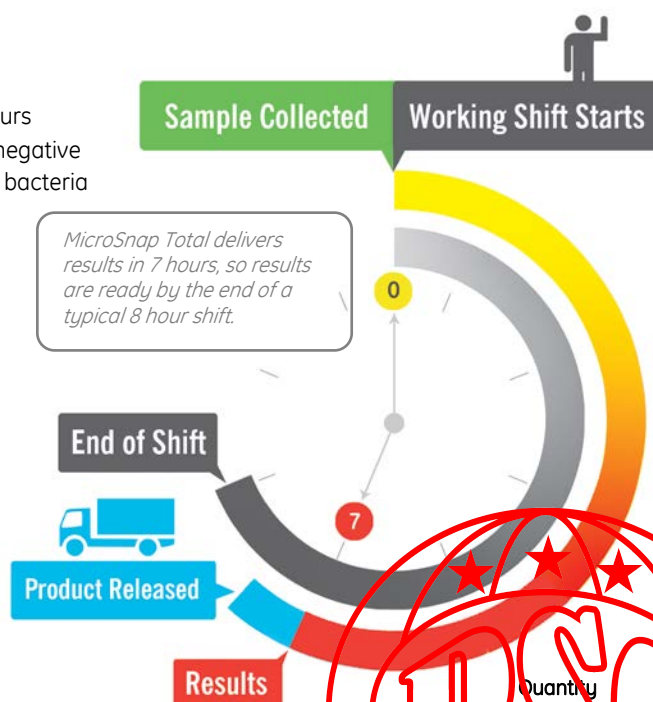
Sensitivity & Specificity:

- Detects down to <100 CFU in 7 hours
- Detects Gram positive and Gram negative aerobic and facultative anaerobic bacteria

CFU : RLU - Conversion

CFU/ml or g		TVC (RLU)
<100	≈	<10
<200	≈	<20
<500	≈	<50
<1,000	≈	<100
<5,000	≈	<500
<10,000	≈	<1,000

MicroSnap Total delivers results in 7 hours, so results are ready by the end of a typical 8 hour shift.



Catalog No.

Description

MS1-TOTAL	MicroSnap Total TVC Enrichment Device
MS2-TOTAL	MicroSnap Total TVC Detection Device

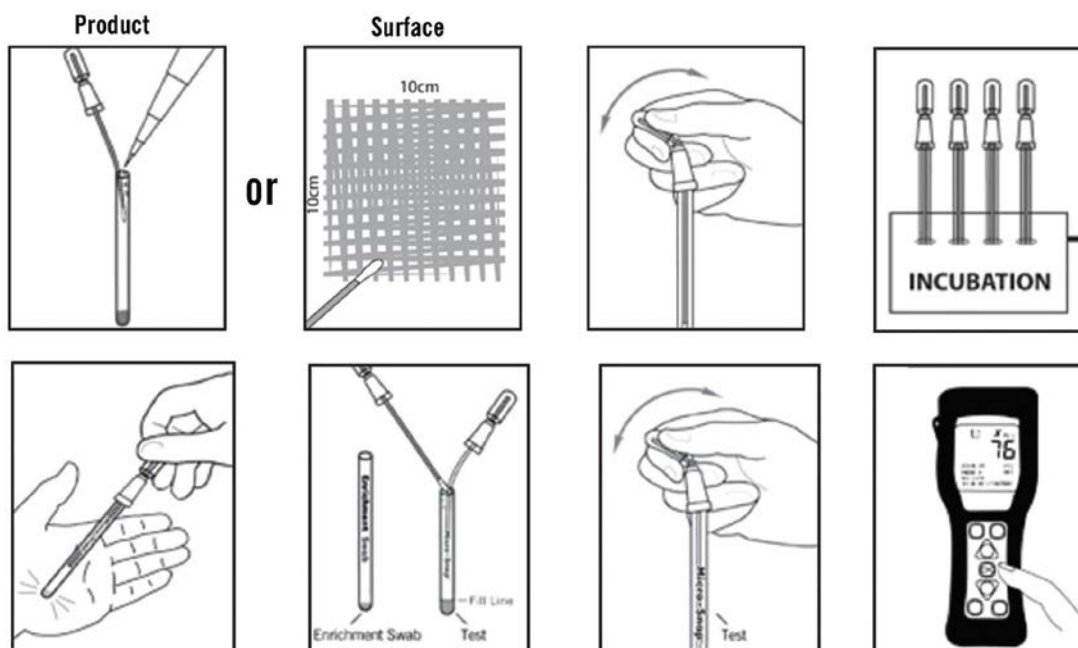
Quantity

100
100

ISO 9001:2015
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MicroSnap Total Procedure:

Watch an instructional video at youtube.com/HygienaTV



Related Products:

EnSURE

EnSURE is a high-sensitivity luminometer that measures multiple quality tests such as ATP, 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 and *E. coli* are rapid tests for detection and enumeration of Coliform and *E. coli* bacteria. Results down to 1-10 CFU are available in 8 hours or less.



MicroSnap Enterobacteriaceae (EB)

MicroSnap EB delivers EB test results in 7 hours, giving you the advantage of knowing microbial levels in the same working day or shift. MicroSnap EB detects down to 50 CFU Enterobacteriaceae bacteria and can be used as an indicator for *Salmonella* spp.

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
See catalog	MicroSnap Enterobacteriaceae	100



MicroSnap™ | Enterobacteriaceae

MicroSnap EB is a rapid test for detection and enumeration of Enterobacteriaceae (EB) bacteria. The test uses a novel bioluminogenic reaction that generates light when EB bacteria are present. The light generating signal is then quantified in the EnSURE luminometer. Organisms are detected in 6 – 8 hours, enabling MicroSnap EB to give results in the same working day or shift.



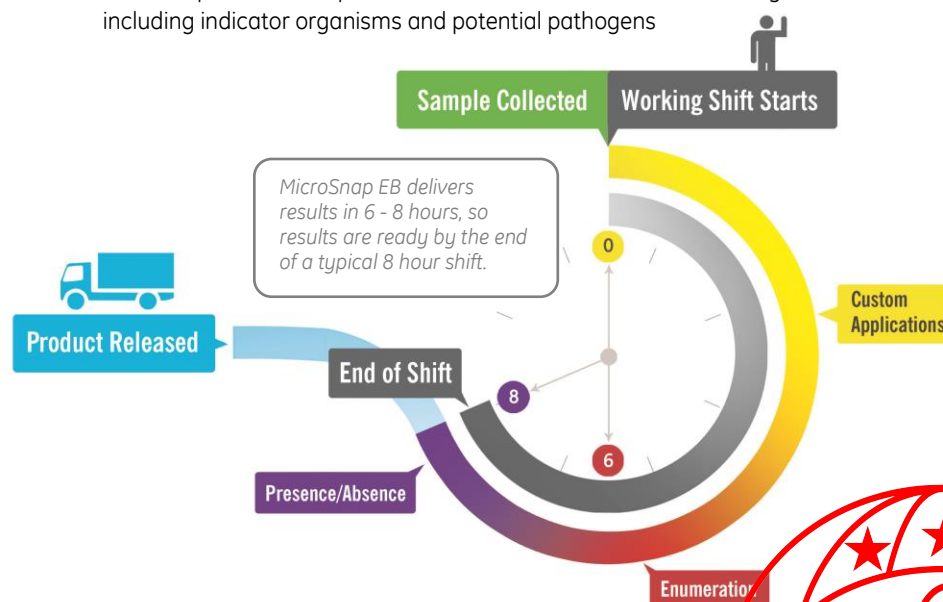
Find support documents, instructional videos, and more at www.hygiena.com

Benefits:

- 6 - 7 hour quantitative results (CFU counts)
- 8 hour qualitative results (presence/absence)
- Broad CFU detection range (0 – 50,000 CFU) means fewer dilutions and less sample prep saving time and money
- Suitable for product or environmental samples
- Uses common microbiology sample preparation for product samples
- Same day results allow for timely corrective action
- In-house testing reduces costs from outside lab fees
- 12 month shelf life at refrigerated temperatures (2 – 8 °C)

Sensitivity & Specificity:

- Detects 0 – 50,000 CFU in 6 - 8 hours
- MicroSnap EB detects species within the Enterobacteriaceae family including indicator organisms and potential pathogens



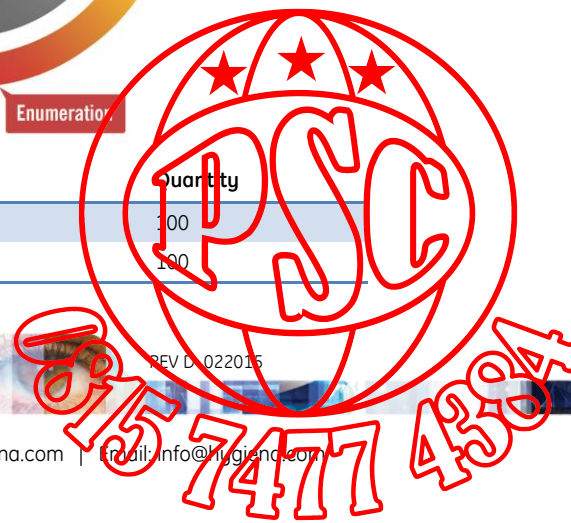
Catalog No.	Description
MS1-EB	MicroSnap Enterobacteriaceae Enrichment Device
MS2-EB	MicroSnap Enterobacteriaceae Detection Device

Quantity

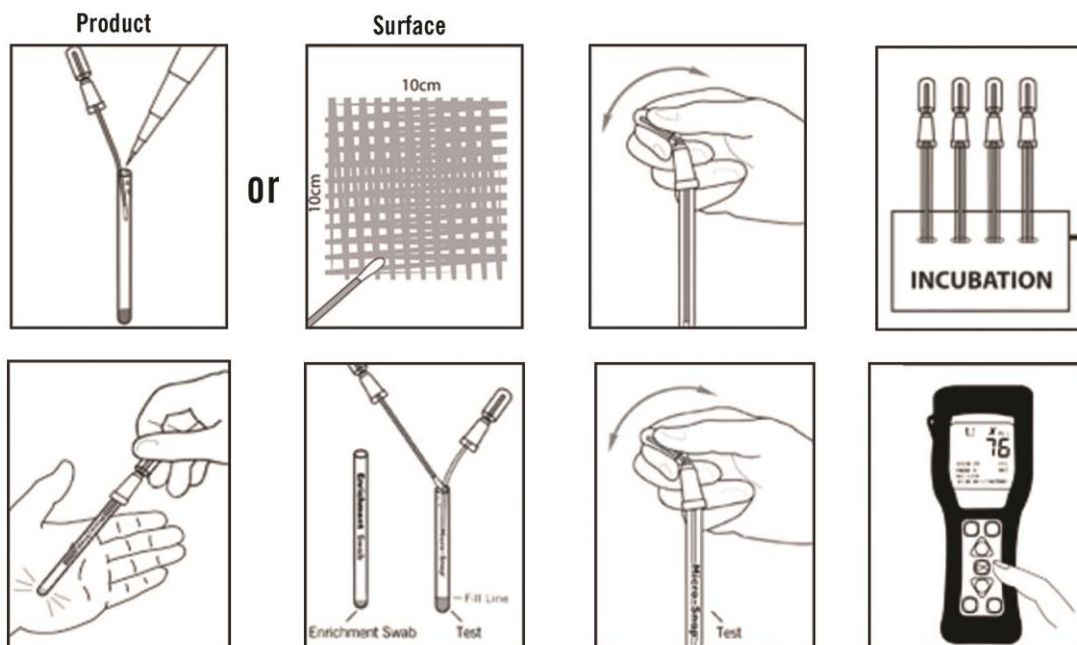
100

100

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MicroSnap Enterobacteriaceae Procedure:



Related Products:



EnSURE

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MicroSnap Coliform & *E. coli*

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



MicroSnap Total

MicroSnap Total delivers total viable organisms test results in 7 hours, giving you the advantage of knowing microbial levels in the same working day or shift. MicroSnap Total detects down to <100 CFU of Gram positive and Gram negative aerobic and facultative anaerobic bacteria.



InSite Listeria

InSite Listeria detects the presence of *Listeria* species in a simple colorimetric swab test. With actionable results in as little as 30 hours, InSite Listeria delivers results sooner so products may be released faster while saving time and money. InSite Listeria brings environmental *Listeria* species results in house, savings thousands in lab fees.

Catalog No.	Description	Quantity
ENSURE	EnSURE Monitoring System with SureTrend Software	1
See catalog	MicroSnap Coliform and <i>E. coli</i>	100
See catalog	MicroSnap Total TVC	100
IL050/IL100	InSite Listeria Rapid Environmental <i>Listeria</i> Test	50/100