



# 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.



YouTube [youtube.com/HygienaTV](https://www.youtube.com/HygienaTV)

Watch an instructional demo at [youtube.com/HygienaTV](https://www.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)



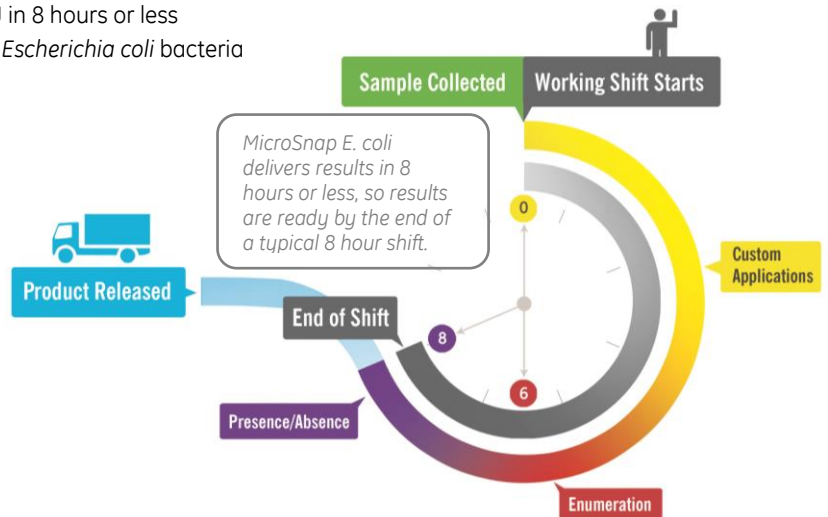
Find support documents, instructional videos, and more at [www.hygiena.com](http://www.hygiena.com)

## Sensitivity & Specificity:

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

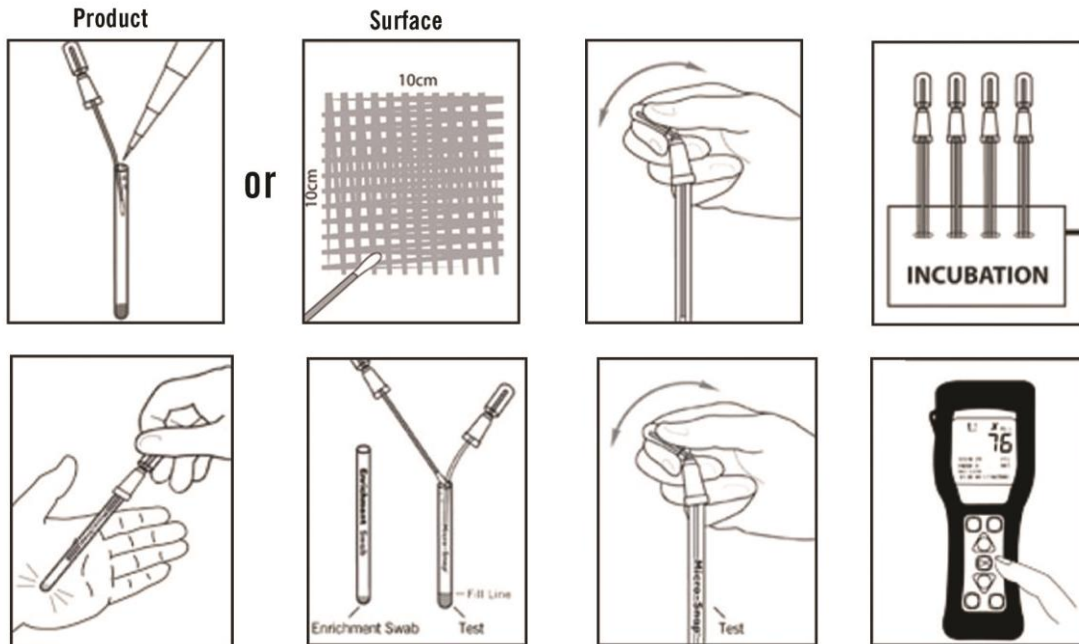
## CFU : RLU - Conversion

| 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   | Quantity |
|----------------|---|----------|
| MS-E-CEC       | MicroSnap Coliform & <i>E. coli</i> Enrichment Device | 100      |
| MS-E-CEC-BROTH | MicroSnap Coliform & <i>E. coli</i> Enrichment Broth  | 100      |
| MS-ECOLI       | MicroSnap <i>E. coli</i> Detection Device             | 100      |

**MicroSnap *E. coli* Procedure:** Watch an instructional video at [youtube.com/HygieneTV](http://youtube.com/HygieneTV)



**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      |