



# One sample, two tests, same platform

Streamline your workflow with Meridian's Foodborne Testing Solutions

**Improve decision making for clinicians by providing fast, targeted results for two of the most prevalent foodborne pathogens: Shiga toxin-producing *E.coli* and *Campylobacter*.**

- STEC and *Campylobacter* are two of the most frequent foodborne illnesses resulting in hospitalizations in the United States each year.<sup>1</sup>
- ImmunoCard STAT!® EHEC and ImmunoCard STAT!® CAMPY provide laboratories a streamlined workflow solution and accurate detection within 20 minutes, compared to the lengthy, labor intensive procedure associated with culture.

**Your lab can improve workflow and efficiency with the right test.**

- What impact would a rapid, single analyte test have on the lab's workflow efficiency?
- How would a rapid, easy to use test help you improve outcomes and satisfaction among patients and physicians?

immunocard  
**STAT!**  
EHEC

immunocard  
**STAT!**  
CAMPY

# immunocard STAT!<sup>®</sup>

EHEC

## Increased Detection and Increased Performance

- Detects and differentiates between Shiga Toxin 1 and Shiga Toxin 2
- The CDC estimates that half of all STEC infections are caused by non-O157 serotypes.<sup>2</sup> SMAC culture will miss all non-O157 serotypes and has been shown to have a sensitivity as low as 50%.<sup>3</sup>
- ImmunoCard STAT!<sup>®</sup> EHEC detects all Shiga Toxin producing *E. coli*, not just *E. coli* O157:H7

## Follow Guideline Recommendations

- CDC and JCAHO recommend that all stools be tested for Shiga Toxin-producing *E.coli*<sup>4</sup>
- Testing from an overnight growth of enrichment broth is recommended as the amount of free toxin may not be detectable from unenriched stool.



## Product Specifications

ImmunoCard STAT!<sup>®</sup> EHEC is a rapid lateral flow immunoassay for the qualitative detection of Shiga toxins 1 and 2 produced by *E.coli* from stool specimens in broth enrichment.

### Turnaround Time

20 minutes

### Shelf Life

24 months

### Sample Type

Stool specimens – Fresh or C&S (Cary Blair)

### Kit Storage

Kit and all reagents should be stored at 2-8 C.

### Performance

**93.8%** Positive Agreement **99.7%** Negative Agreement

### Catalog Number

ImmunoCard STAT!<sup>®</sup> EHEC - 751630

### CPT Codes

Broth enrichment	87015
STX 1	87899
STX 2	87899-59

**Increased  
Sensitivity  
over  
traditional  
culture  
methods**

# immunocard STAT!<sup>®</sup> CAMPY

## Increased Detection with Simple Workflow

- ImmunoCard STAT!<sup>®</sup> CAMPY detects both viable and non-viable organisms and provides greater sensitivity when compared to culture.
- Antigen testing is preferred to culture because it does not require an external QC bug.
- ImmunoCard STAT!<sup>®</sup> CAMPY requires minimal sample handling, utilizes a direct stool specimen, and has the flexibility to provide results in 20 minutes or can be stored overnight to fit the laboratory's workflow.

## Product Specifications

ImmunoCard STAT!<sup>®</sup> CAMPY is a rapid lateral flow immunoassay for the direct detection of *Campylobacter* antigen from stool specimens.

### Turnaround Time

20 minutes

### Shelf Life

18 months

### Sample Type

Stool specimens — Fresh or C&S (Cary Blair)

### Kit Storage

Kit and all reagents should be stored at 2-8 C.

### Performance

**98.1%** Sensitivity

**95.9%** Specificity

### Catalog Number

ImmunoCard STAT!<sup>®</sup> CAMPY - 751530

### CPT Codes

87899



**Simple  
procedure  
with minimal  
hands on  
time**

# Meridian's Foodborne Testing Solution

One sample, two tests, same platform

Day 1

Stool Sample -  
Fresh or C&S (Cary Blair)

Enrichment Broth for  
EHEC/STEC

CAMPY  
Sample Diluent

Incubate Broth at 37 C

Store Diluted stool  
at 2-8 C

Run  
immunocard  
STAT!  
CAMPY  
& Report Results

Incubate / Store Overnight

Day 2

Run  
immunocard  
STAT!  
EHEC  
& Report Results

Run  
immunocard  
STAT!  
CAMPY  
& Report Results

## References

1. <https://www.cdc.gov/foodborneburden/2011-foodborne-estimates.html>
2. <http://blogs.cdc.gov/publichealthmatters/2010/05/a-primer-on-e-coli-o145/>
3. C. Thorpe, Shiga Toxin-Producing Escherichia coli Infection, Clinical Infectious Diseases, 2004, Vol. 38: pp. 1298-1303
4. Centers for Disease Control and Prevention, Recommendations for Diagnosis of Shiga Toxin-Producing Escherichia coli Infections by Clinical Laboratories, MMWR, October 16, 2009; 58 No. (RR-12): pp. 1-20

Ready to get a handle on  
Foodborne testing?  
Let's talk.

Contact a specialist at 1-888-763-6769.

[meridianbioscience.com](http://meridianbioscience.com)

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LIFE DISCOVERED. LIFE DIAGNOSED.