

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.¹
- 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![®]

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.² SMAC culture will miss all non-O157 serotypes and has been shown to have a sensitivity as low as 50%.³
- ImmunoCard STAT![®] 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*⁴
- 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![®] 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![®] EHEC - 751630

CPT Codes

Broth enrichment	87015
STX 1	87899
STX 2	87899-59

**Increased
Sensitivity
over
traditional
culture
methods**

immunocard STAT![®] CAMPY

Increased Detection with Simple Workflow

- ImmunoCard STAT![®] 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![®] 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![®] 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![®] 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.

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