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?

¹ Source: CDC (2021)
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. coli⁴

• 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
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

Day 2

Incubate Broth at 37 C

Store Diluted stool at 2-8 C

Run immunocardi STAT! EHEC & Report Results

Run immunocardi STAT! CAMPY & Report Results

References
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