

Laboratory name: _____

Person completing this questionnaire: _____

Colorado 2006 Laboratory Survey

E. coli O157 and non-O157 Shiga toxin-producing E. coli (STEC)

1. Does your laboratory test fecal specimens (either on-site or off-site) for E. coli O157 or other Shiga toxin-producing E. coli, using either culture or non-culture methods?
 Yes No [*If no, go to Vibrio questions*]

2. Where are specimens tested for E. coli O157/STEC?
 Off-site only (where: _____) [*Go to Vibrio questions*]
 On-site AND off-site (where: _____)
 On-site only

3. Have you tested any specimens on-site for E. coli O157/STEC using culture-based methods in the past year? Yes No [*If no, please go to question 7*]

4. When does your laboratory use culture-based methods for on-site E. coli O157/STEC testing?
 All stool specimens routinely
 Under the following circumstances [**check all that apply**]
 - when a physician specifically requests testing for E. coli/STEC
 - when the stool specimen appears bloody
 - when patient has a history of bloody stools
 - when patient is in a certain age group, specify: _____
 - during certain seasons, specify: _____
 - when the patient has hemolytic uremic syndrome (HUS)
 - other, specify: _____

5. When using culture-based methods to test for E. coli O157/STEC, what media/methods does your laboratory use? [**check all that apply**]
 - Sorbitol-MacConkey agar (SMAC)
 - Cefixime-Tellurite Sorbitol-MacConkey agar (CT-SMAC)
 - MacConkey agar
 - Enrichment broth, specify: _____
 - Immunomagnetic beads
 - Other, describe: _____
 - BCM O157:H7 agar
 - Rainbow agar
 - Chromagar O157

6. When sorbitol-negative colonies are detected, which of the following are performed in your laboratory? [**check all that apply**]
 - A test to detect the O157 antigen (such as latex agglutination)
 - A test to detect H7 antigen
 - A biochemical test to identify the organism as E. coli
 - Send the isolate to a commercial reference lab
 - Send the isolate to the state laboratory
 - Other, please describe: _____

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Vibrio species

1. Has your laboratory performed any testing for Vibrio species in the past year?
 Yes No

2. What are the circumstances for testing for Vibrio species in your lab?
 all stool specimens routinely
 under the following circumstances [**check all that apply**]
 when a physician specifically requests testing for Vibrio
 when a patient has a history of international travel
 other, specify: _____

3. What type of agar does your laboratory use for Vibrio culture? [**check all that apply**]
 TCBS agar Blood agar
 MacConkey agar Other, please describe: _____

4. Does your lab keep TCBS agar in stock? Yes No

Clostridium difficile

1. Does your lab perform on-site testing for C. difficile toxin? Yes No

2. When your laboratory performs toxin testing, do you test for:
 Toxin type A
 Toxin type B
 Toxin A or B, but cannot distinguish between the two
 Toxin A or B and CAN distinguish between the two
 Toxin using cell culture
Please indicate the brand of test kit you use: _____

3. How long have you been using the toxin testing method you use now? _____ years

4. Does your laboratory perform culture for C. difficile? Yes No

If yes, what are the circumstances under which culture is performed?
 all stools routinely cultured for C. difficile when C. difficile testing ordered
 when a physician specifically requests C. difficile culture
 when a stool is C. difficile toxin positive
 other: _____

THANK YOU VERY MUCH FOR YOUR PARTICIPATION!!!
If you are completing a paper version of this survey, please fax it to
Alicia Cronquist at 303-782-0338 by August 21, 2006