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Maui District Health Laboratory

Clinical Specimen Submission Requirements for Bacterial Culture of Enteric Pathogens: *Salmonella* spp., *Shigella* spp., & *Campylobacter* spp. (in outbreak situations and as determined by DIB)

- Test:** Enteric Bacterial Culture for *Salmonella* spp., *Shigella* spp., & *Campylobacter* spp. in clinical specimens
- Specimen Submitters:** Submitters are authorized by the Disease Investigation Branch for outbreak control.
- Specimen Receiving:** Specimens for Bacterial Culture of Enteric Pathogens: *Salmonella* spp., *Shigella* spp., & *Campylobacter* spp. will be accepted from Monday thru Friday 7:45 AM to 3:30 PM, except on holidays.
- Specimen Requirements:** Ideally, the specimen should be collected within the acute phase of the illness within 48-72 hours of onset of symptoms and cultured within 2 hours after collection. If delays are unavoidable, the specimen should be refrigerated or placed in Cary Blair Transport media (provided by your lab/doctor's office) and refrigerated at 4° C (test within 48 hours of collection).
- Fresh stool sample (1 gram or 5 mL) submitted in a sterile specimen container, refrigerated & delivered to MDHL within 2 hours of collection. Container is secured with Parafilm and placed in a sealed plastic bag to prevent leakage in transit.
 - Stool sample (1 gram or 5 mL) or rectal swab placed in a Cary-Blair screw-capped collection tube, secured with Parafilm and placed in a sealed plastic bag to prevent leakage in transit.
 - The specimen container/tube is properly labeled with patient name/unique identifier, date of collection and submitter info. The specimen label must match the 81.3 requisition form with which it is submitted. The form is kept in a separate compartment from the sealed sample.
- Specimen Transport:** Authorized submitters must deliver the specimens to the Maui District Health Laboratory. Arrangements regarding transport may be made with DIB Epi Specialist (Maui) on a case by case basis.

Requisition Form: All specimens must be submitted with the appropriate 81.3 *Requisition Form*. The requisition form must legibly include: patient name/unique identifier, date of specimen collection, submitter information. The patient name/ unique identifier on the Form Must Match the Specimen.

Normal Value: *Salmonella ssp.* Not found
Shigella ssp. Not found
Campylobacter ssp. Not found

Turn Around Time: 7 days

Result Notification: Final laboratory reports will be released to the Disease Investigation Branch (DIB)/Disease Outbreak Control Division (DOCD) Epi Specialist (Maui) for disposition & distribution.

Comments: Cultural isolates of *Salmonella ssp.*, *Shigella ssp.*, or *Campylobacter ssp.* are sent to the State Laboratory for confirmation, speciation, and serotyping for disease surveillance purposes and monitoring of emerging drug-resistant strains.

Unacceptable Submissions:

- Leaking specimen containers
- Specimens that were not properly stored and/or transported
- Specimens without requisition forms
- Requisition/specimen identifiers that do not match
- Contaminated or soiled requisition forms.
- Illegible, incorrect or incomplete requisition forms (missing patient/submitter info., date of collection)

Test Location: State of Hawaii Dept. of Health
Maui District Health Laboratory
121 Mahalani Street
Wailuku, HI 96793

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Approved:



A. Christian Whelen, Ph.D.

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Date