

Specimen Submission Requirements for the Detection of *Leptospira* IgM Antibody

Methodology:	Enzyme Immunoassay by Dipstick (GenBio)
Performed:	The Medical Microbiology Branch of the State Laboratories Division will accept whole blood (in SST tube that has been centrifuged) or serum specimens from Monday through Friday by 3:30 p.m.
Turn-Around-Time:	5 days
Specimen Collection:	One 6 –7 mL SST tube (centrifuged) or a minimum of 1 mL of serum.
Specimen Transport:	Specimens are to be delivered to the Medical Microbiology Branch of the State Laboratories Division at a transport temperature of 2 – 8° C.
Requisition Form:	State Laboratories Division Requisition Form 81.3. At a minimum, patient identifier, name and address of submitter, type of specimen (e.g. whole blood, serum), date of collection, date of onset, and test requested must be completed on form.
Normal Value:	Negative
Result Notification:	Results will be reported in Starlims, submitters will access through Dashboard.
Remarks:	Please be sure that completed requisition forms are legible. Requisition forms <u>and</u> specimen tubes are not to be placed in the <u>same</u> chamber of the specimen transport container or bag. All specimens received for <i>Leptospira</i> antibody testing will first be tested by the dipstick test procedure. Positive dipstick sera will be forwarded to the Kauai District Health Laboratory for the <i>Leptospira</i> Microscopic Agglutination Test (MAT). For multiple submissions (acute and convalescent), if either result in a positive dipstick, all samples will be sent to Kauai for MAT testing.

- Unacceptable Conditions:**
- a. Illegible or incomplete requisition forms.
 - b. Unlabeled tubes.
 - c. Chylous specimens (unable to read newsprint through specimen tube).
 - d. Hemolyzed specimens (unable to read newsprint through specimen tube).
 - e. Leaking blood or serum specimens.
 - f. Specimen quantity not sufficient (<1 mL of serum) to perform test.
 - g. Whole blood in collection tube containing an anticoagulant.
 - h. Grossly contaminated with microorganisms.
 - i. Specimens warmer than the required transport temperature.
 - j. Specimens that were previously heat inactivated (56° C).

Test Location: State Laboratories Division
Medical Microbiology Branch
Bacterial Serology Unit
2725 Waimano Home Rd., 2nd floor
Pearl City, Hawaii 96782
Phone: (808) 453-6706

Contact: Lance Chinna, Acting Supervisor, Bacteriology and Parasitology Section
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Prepared by:

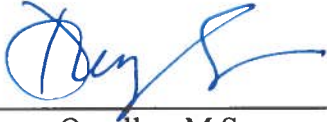


Lance Chinna
Acting Supervisor, Bacteriology and Parasitology Section

JAN 25 2023

Date

Reviewed By:

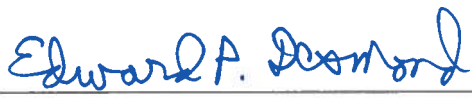


Dayna Ornellas, M.S.
Chief, Medical Microbiology Branch

JAN 25 2023

Date

Approved By:



Edward P. Desmond, Ph.D., D (ABMM)
State Laboratories Division Administrator

JAN 26 2023

Date