

Specimen Requirements for ABI Fast MicroSeq® 500 for the Detection of 16S rDNA for Bacterial Identification

Methodology:	ABI Fast MicroSeq
Performed:	MicroSeq is performed on clinical isolates received from the Medical Microbiology branch and the Biological Response Laboratory
Turn-Around-Time:	Samples are batched and tested once every two weeks. TAT will be determined from last specimen received to complete a batch of 6 samples.
Specimen required:	Pure isolated colonies on a plated media is required.
Specimen storage and transport:	Specimens should be in specimen collection bags for transport to the Biological Response Laboratory. Each specimen plate should be identified with unique accession number.
Specimen submission:	Specimens should be submitted by the requesting laboratories as a batch of six so that testing can be performed simultaneously. A total of six isolates can be submitted during a two week period. If more specimens need to be sequenced, it is preferred that specimens should be submitted in multiples of eight.
Criteria for rejection:	Rejection criteria are an accreditation requirement, and are intended to insure specimen integrity prior to testing. <ol style="list-style-type: none">1. Specimen in not a pure culture.2. Proper requisition 81.3 does not accompany specimen.3. Specimen is not labeled.4. Specimen is not in proper specimen collection bags for transport.5. Specimen label does not match the requisition.6. Incomplete requisition 81.3. Missing information should be provided to analyst by the submitter. Results will not be released until missing information is provided.
Stability:	Specimens can be stored at 4°C without compromising diagnostic yield for 2-3 weeks.
Requisition Form:	State Laboratories Division Requisition <u>Form 81.3</u>

Each specimen submitted must have a completed Form 81.3, with the patient's unique identifier, submitter, specimen site/specimen type, date of collection, date shipped/sent to the SLD, test(s) requested and other pertinent information.

- **Requisition forms shall be placed in a separate bag and shall not be packed with the specimen(s).**

Normal Value: Not applicable.

Result Notification: Laboratory reports will be forwarded to the submitter, such as Medical Microbiology Branch.

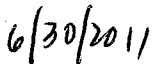
Test performed at: Biological Response Laboratory (BRL)
State Laboratories Division
Department of Health
2725 Waimano Home Road
Pearl City, Hawaii 96782

Contact: Cheryl-Lynn Daquip (808) 453-5984
Precilia Calimlim (808) 453-5984
Rebecca Sciulli (808) 453-5993

Reviewed by:

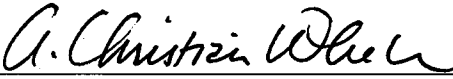


Rebecca Sciulli, MS, MT
Biological Response Laboratory Microbiologist and Coordinator




Date

Approved by:



A. Christian Whelen, Ph.D.
SLD Laboratory Chief



Date