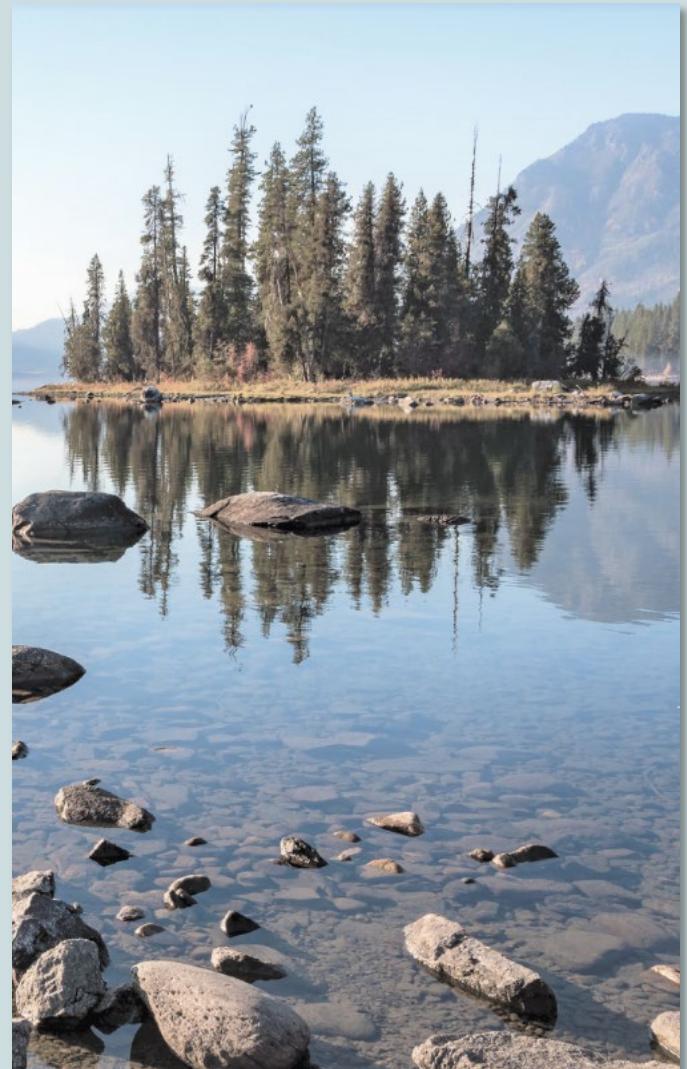


Washington State Tuberculosis Services and Standards Manual

Chapter 12: Lab Services



DOH 343-228 May 2024



To request this document in another format, call 1-800-525-0127. Deaf or hard of hearing customers, please call 711 (Washington Relay) or email doh.information@doh.wa.gov.

Contact

Washington State Department of Health TB Program

Phone: 206-418-5500

Fax: 206-364-1060

tbservices@doh.wa.gov

Acknowledgements

In addition to the multiple resources and references in the **TB Services and Standards Manual** chapters the Washington State TB Program would like to thank the [Curry International TB Center](#) and the [Alaska State TB Program](#); this manual was adapted from these two resources. The TB Program Team was involved in the initial writing and editing of this manual between 2021 and 2023.

Table of Contents

About the Washington State Tuberculosis Services and Standards Manual.....	4
Purpose	4
Audience	4
Eliminating Stigmatizing Language	4
How to Use This Manual	4
Icons	5
Chapter 12: Laboratory Services	7
Introduction.....	7
Purpose	7
Policy	7
Glossary.....	8
TB Laboratories in Washington State.....	11
Washington State Public Health Laboratory (WAPHL)	11
Contact Information	11
Community Based Clinical Laboratories.....	12
Core / Reference Laboratories (Public and Private)	12
Bacteriology Testing Used in Diagnosing TB Disease.....	13
Bacteriologic Examination of Clinical Specimens	16
1. <i>Specimen collection for clinical samples, respiratory and extrapulmonary TB</i>	16
2. <i>AFB Smear Classification and Results.....</i>	17
3. <i>Direct Detection of MTB in Clinical Specimens using NAAT.....</i>	17
4. <i>Specimen Culture and Identification</i>	18
5. <i>Drug Susceptibility Testing (DST).....</i>	19
<i>DST- Examples of Results from Various Laboratories.....</i>	25
Follow-up Bacteriologic Examination	32
Legal Requirements for Lab Reporting.....	32
Genotyping.....	33
Shipping your Specimens.....	34
Shipping Instructions for using PHL Courier Service (free for LHDs)	34
Ground and Air Shipping.....	34
Resources	36