



Laboratory Guidelines for Submission of Isolates or Specimens

The intent of this document is to help clinical laboratories interpret which isolates or specimens should be submitted to the Arizona State Laboratory as part of the Arizona Administrative Code (A.A.C.) R9-6-204. For information on which laboratory results should be reported, please visit <https://azdhs.gov/labreporting>.

An **isolate of the organism** for each positive culture, if available, or a **specimen** for each positive test result should be submitted to the Arizona State Laboratory **within one working day** for the organisms listed below:

- *Bacillus anthracis*
- *Brucella* spp.
- *Burkholderia mallei* and *B. pseudomallei*
- Carbapenem-resistant Enterobacteriaceae (CRE), submit isolates only¹
- *Escherichia coli*, *Shiga* toxin-producing
- *Francisella tularensis*
- *Haemophilus influenzae*, from a normally sterile site for individuals <5 years of age
- *Legionella* spp., submit isolates only
- *Listeria* spp., from a normally sterile site
- Measles virus and anti-measles-IgM serologies
- Mumps virus and anti-mumps-IgM serologies
- *Mycobacterium tuberculosis* complex and its drug sensitivity pattern²
- *Neisseria meningitidis*, from a normally sterile site
- Rabies virus from a human
- Rubella virus and anti-rubella-IgM serologies
- *Salmonella* spp.
- *Streptococcus* group A, from a normally sterile site, submit isolates only¹
- Vancomycin-resistant or Vancomycin-intermediate *Staphylococcus aureus*
- Variola virus (smallpox)
- *Vibrio* spp.
- Viral hemorrhagic fever agent
- Yellow fever virus
- *Yersinia pestis* (plague)
- *Yersinia* spp. (other than *Y. pestis*)
- Zika virus

¹ According to A.A.C. R9-6-204, these isolates must be submitted only by request. **ADHS is requesting isolates for all positive tests at this time.**

² Submit an isolate or specimen of the organism, as applicable, only when an initial positive result is obtained for an individual, when a change in resistance pattern is detected, or when a positive result is obtained \geq 12 months after the initial positive result is obtained for an individual.

ADHS may also request isolates or specimens for organisms other than those listed above to be submitted to the Arizona State Laboratory on a case-by-case basis, including for emerging or exotic disease agents.

For example, submission of specimens testing positive for *Candida* spp. (other than *C. albicans*) will help detect a new emerging/exotic infection, *Candida auris*, to enable public health investigation and control.