



Laboratory Informational Session on Changes to the Alabama Notifiable Diseases Rule

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**General Overview
of
Alabama Notifiable Diseases Rule
(ALNDR)**

ALNDR – Table of Contents

- Purpose
- **Definitions**
- Enumeration
- **Reporting**
- Control Procedures
- HIV Testing Procedures
- Notification of Pre-Hospital/Emergency Medical Service Personnel
- Victims of Sex Offense to Request and Receive HIV Test Results of Convicted Offender
- Notification of Law Enforcement, National Security, or Federal Public Health

Authorities

- Notification of Public Health and Regulatory Authorities of the Presence of Lead
- **Testing of Pregnant Women for Sexually Transmitted Diseases**
- Dispensing of Legend Drugs by Alabama Department of Public Health Registered Nurses
- **Appendix I - Alabama Notifiable Diseases/Conditions (Healthcare Providers and Other Required Reporters, Excluding Laboratories)**
- **Appendix II - Alabama Notifiable Laboratory Results (Laboratories Only)**
- **Appendix III - Submission of Clinical Materials by Performing Laboratories**
- **Appendix IV - Alabama Prenatal STD Testing Summary Table**

These changes will be effective
April 14, 2024



Appendix I

Alabama Notifiable Diseases/Conditions (Healthcare Providers
and Other Required Reporters, Excluding Laboratories)

APPENDIX I
ALABAMA NOTIFIABLE DISEASES/CONDITIONS
Healthcare Providers and Other Required Reporters,
Excluding Laboratories

Immediate, Extremely Urgent Disease/Condition - Report to the County or State Health Department by telephone within 4 hours of presumptive diagnosis or clinical suspicion

Anthrax, human	Smallpox
Botulism	Tularemia
Brucellosis	Viral hemorrhagic fever
Plague	Cases related to nuclear, biological, or chemical terroristic agents
Poliomyelitis, paralytic	
Severe Acute Respiratory Syndrome-associated Coronavirus (SARS-CoV) disease	

Immediate, Urgent Disease/Condition - Report to the County or State Health Department by electronic means as specified by the Department or by telephone within 24 hours of presumptive diagnosis

COVID-19 infection in congregate living facilities	Measles (rubeola)	Rabies, human and animal
Diphtheria	Meningococcal disease (<i>Neisseria meningitidis</i>) ¹	Rubella
<i>Haemophilus influenzae</i> , invasive disease ¹	Novel influenza A virus infection (i.e., potential new strain)	Tuberculosis disease, active
Hemolytic uremic syndrome (HUS), post-diarrheal	Pertussis	Typhoid fever
Hepatitis A, including ALT	Poliovirus infection, nonparalytic	Outbreaks of any kind
Legionellosis		Cases of potential public health importance ²

Standard Disease/Condition - Report to the County or State Health Department by electronic means as specified by the Department within 3 days of diagnosis, unless otherwise noted

Acute flaccid myelitis	Hepatitis B, C, and D (Acute only and with associated ALTs)	Salmonellosis
Anaplasmosis	HIV infection* (including asymptomatic infection, AIDS, CD4 counts, and viral loads)	Shigellosis
Arboviral disease	Influenza-associated pediatric deaths	Spotted Fever Rickettsiosis
Babesiosis	Lead, all blood results	<i>Staphylococcus aureus</i> , Vancomycin-intermediate (VISA) and Vancomycin-resistant (VRSA)
Birth defects ²	Listeriosis ¹	<i>Streptococcus pneumoniae</i> , invasive disease ¹
Campylobacteriosis	Lyme disease	Syphilis*
Chancroid*	Malaria	Tetanus
<i>Chlamydia trachomatis</i> *	Mumps	<u>Trichinellosis</u> (Trichinosis)
Cholera	Perinatal hepatitis B & C	Tuberculosis infection, latent
Coccidioidomycosis	Perinatal HIV Exposure (<18 months of age)	Varicella
Cryptosporidiosis	Primary amebic meningoencephalitis	Vibriosis
<u>Cyclosporiasis</u>	Q Fever	Yellow fever
Dengue		Zika virus
<i>E. coli</i> , <u>shiga</u> toxin-producing (STEC)		
Ehrlichiosis		
Gonorrhea*		
Hansen's disease (Leprosy)		

*Designated Sexually Transmitted Diseases by the State Board of Health

¹ Detection of organism from a normally sterile body site (e.g., blood, cerebrospinal fluid, or, less commonly, joint, pleural, or pericardial fluid)

² Reportable within 30 days of diagnosis or associated laboratory test

Appendix II

Alabama Notifiable Laboratory Results (Laboratories Only)

Appendix II:

Immediate, Extremely Urgent

Immediate, Extremely Urgent report to the County or State Health Department within 4 hours of laboratory result, as well as submit electronically within 24 hours.

*Positive results only, unless otherwise specified

- *Bacillus anthracis*
- ***Brucella species***
- ***Burkholderia mallei***
- ***Burkholderia pseudomallei***
- *Clostridium botulinum* or botulinum toxin in food, wound, unspecified source, or an infant (<12 months old)
- **Crimean-Congo hemorrhagic fever virus**
- *Francisella tularensis*
- Ebola virus
- **Lassa virus**
- **Lujo virus**
- **Marburg virus**
- **New World arenavirus – Chapare, Guanarito, Machupo, and Sabia virus**
- Poliovirus
- Variola virus (orthopox virus)
- Vaccinia virus
- *Yersinia pestis*

Appendix II:

Standard Reporting within 24 hours

- *Anaplasma* species
- *Babesia* species
- *Bordetella pertussis*
- *Borrelia burgdorferi*
- **California serogroup virus diseases (all results)**
- *Campylobacter* species
- **Chikungunya virus disease (all results)**
- *Chlamydia trachomatis*
- *Clostridium tetani*
- *Coccidoides* species
- *Cornebacterium diphtheriae*
- *Coxiella burnetiid*
- *Cryptosporidium* species
- *Cyclospora cayetanensis*
- **Cytomegalovirus (if age <21 days old)**
- **Dengue virus (all results)**
- **Eastern equine encephalitis virus disease (all results)**
- *Ehrlichia* species
- *Escherichia coli*, shiga toxin-producing
- *Grimontia hollisae*
- *Haemophilus ducreyi*
- *Haemophilus influenzae* isolated from a normally sterile site

Appendix II:

Standard Reporting Continued...

- **Hepatitis A (IgM positives and genotyping results)**
- **Hepatitis B, C, and D (all results to include surface antigens, antibody, genotyping, viral load/RNA/DNA, and associated ALTs)**
- **HIV, all test results (e.g., positive and negative immunoassay, positive and negative virologic tests, and associated CD4 counts) for children <18 months old**
- **HIV, repeatedly reactive enzyme immunoassay followed by a positive confirmatory test (e.g., Western blot, IFA, or HIV differentiation). Positive results on any HIV virologic test (e.g., p25 AG, nucleic acid test, (NAT/NAAT), viral culture). All viral load (detectable and undetectable) test results and associated CD4 counts.**

Appendix II:

Standard Reporting Continued...

- **Influenza virus (molecular positive test results only)**
- **Lead, all blood results**
- *Legionella* species
- *Listeria monocytogenes* from a normally sterile site
- **Mantoux tuberculin skin test (TST) and interferon gamma release assay (IGRA) blood test, positives**
- Measles (rubeola) virus
- Mumps virus
- *Mycobacterium leprae*
- *Mycobacterium tuberculosis* complex, culture, or NAAT (including PCR)

Appendix II:

Standard Reporting Continued...

- *Naegleria fowleri*
- *Neisseria gonorrhoeae*
- *Neisseria meningitidis* isolated from a normally sterile site
- *Photobacterium damsela*
- *Plasmodium* species
- **Powassan virus disease (all results)**
- Rabies virus in animal or human
- Rapid plasma regain (RPR), positive results
- *Rickettsia* and other spotted fever *Rickettsia* species
- Rubella virus
- *Salmonella* species
- SARS-CoV-2
- *Shigella* species
- **St. Louis Encephalitis virus disease (all results)**
- *Staphylococcus aureus*, intermediate or full resistance to vancomycin (VISA, VRSA)
- *Streptococcus pneumoniae* isolated from a normally sterile site

Appendix II:

Standard Reporting Continued...

- *Treponema pallidum*
- *Trichinella* species
- Varicella virus
- Venereal Disease Research Laboratory (VDRL) test, positive results
- *Vibrio cholerae* type 01 and 0139
- *Vibrio* species
- **West Nile Viral Disease (all results)**
- **Western equine encephalitis virus disease (all results)**
- **Yellow fever virus (all results)**
- **Zika virus (all results)**

Appendix II:

Standard Reporting Continued...

- Detection or isolation of one or more specimens of etiological agents of a disease or condition not listed that is of urgent public health significance
- Agents suspected to be the cause of a cluster or outbreak

Minimum information for Laboratories to Report

Reports shall include, at a *minimum*:

- Name, date of birth, sex, ethnicity, race, address, and phone number(s) of the person with resulted test
- Date of laboratory result
- Name, phone number, and the facility affiliated with laboratory testing.

What to Report

- In addition to the minimum data elements, **laboratories shall report** test method, **specimen source, specimen collection date**, and reference ranges.

What not to report

- If not listed in the results required to be reported, do not send

Conditions **no longer** notifiable

- *Giardia*
- Hantavirus
- Psittacosis (*Chlamydophila psittaci*)
- Toxic shock syndrome
- Leptospirosis (*Leptospira*)

Appendix III

Submission of Clinical Material by Performing Laboratories

Refer to the Bureau of Clinical Laboratories online analyte list for specimen submission guidance

<https://www.alabamapublichealth.gov/bcl/assets/bclanalytelist.pdf>

Appendix III: Submission of Clinical Material

- *Bacillus anthracis*
- *Botulinum* neurotoxin-producing species of *Clostridium*
- *Brucella abortus*
- *Brucella melitensis*
- *Brucella suis*
- *Burkholderia mallei*
- *Burkholderia pseudomallei*
- *Campylobacter* spp.
- *Candida auris*
- Carbapenem-resistant *Enterobacteriaceae* (CRE)
- Carbapenem-resistant *Pseudomonas aeruginosa* (CRPA)
- Carbapenem-resistant *Acinetobacter baumannii* (CRAB)
- *Coxiella burnetii*
- *Cryptosporidium* spp.
- *E. coli*, shiga-toxin producing
- Ebola
- *Francisella tularensis*
- *Haemophilus influenzae* from a normally sterile site
- *Legionella* spp. From a lower respiratory sample
- *Listeria monocytogenes*
- *Mycobacterium tuberculosis*
- *Naegleria fowleri*
- *Neisseria meningitidis* from a normally sterile site
- Novel coronaviruses
- Novel influenza
- *Salmonella* serotype Typhi
- *Salmonella* spp., non-typhoidal
- *Shigella* spp.
- *Streptococcus pneumoniae* from a normally sterile site *
- Variola (smallpox virus)
- *Vibrio* spp.
- *Yersinia pestis*

*Submit all CSF isolates. Other isolates from normally sterile sites (e.g., blood, middle ear fluid, joint fluid, or peritoneal fluid) must be non-susceptible to any relevant antibiotics according to current Clinical Laboratory Standards Institute M100 guidance.

How to Report

Methods of Reporting

Laboratories shall report laboratory test results to the Department by **electronic means** as specified by the Department within the designated time required by disease category for the corresponding disease/condition not to exceed 24 hours.

*Faxes are not considered electronic

*Manually entered labs are to transition to HL7 messaging

Contact Information

- Mashunda Longmire – Mashunda.Longmire@adph.state.al.us
- Promoting Interoperability ELR – MU.ELR@adph.state.al.us
- Bureau of Clinical Laboratories (334) 290-6130 (24-hour coverage)
- Infectious Disease and Outbreaks Division (334) 206-5971 **or** 1(800) 338-8374 (24-hour coverage)
- Division of HIV/AIDS Prevention & Care (334) 206-5364 **or** 1(800) 344-1153
- Division of Immunization (334)206-5023 **or** 1(800) 469-4599
- Division of Sexually Transmitted Diseases (334) 206-5350
- Division of Tuberculosis Control (334) 206-5330
- Bureau of Environmental Services (334) 206-5373
- Bureau of Family Health Services (334) 206- 5675 (for Lead and Birth Defects)