

TEST	SPECIMEN	TRANSPORT/SHIPPING
Aerobic Bacterial Identification	Pure isolate	Ship at room temperature; ship as Category B
Anaerobic Bacterial Identification	Pure isolate	Ship at room temperature in anaerobic environment; ship as Category B
Arbovirus Panel	Serum and/or urine	Ship on cool pack; contact SDPHL before shipping (605-773-3368)
<i>Bacillus anthracis</i>	Pure culture, lesion, blood, or respiratory	Ship on cool pack; ship as Suspect Category A; notify SDPHL before shipping (605-773-3368)
<i>Bacillus cereus</i>	Stool in Cary Blair, Para Pack C&S, or food	Ship stool at room temperature; ship food on cool packs; ship as Category B
Blood Lead	EDTA whole blood; capillary or venous	Ship on cool pack; ship as Category B
Bordetella Culture	Nasopharyngeal swab (Dacron) in Regan Lowe	Ship on cool pack after overnight incubation at 36°C; ship as Category B
<i>Bordetella</i> PCR	Nasopharyngeal aspirate, NP swab (dry)	Ship on ice pack; ship as Category B
<i>Brucella</i> Culture	Pure culture on chocolate agar slant	Ship on ice pack; ship as Suspect Category A; notify SDPHL before shipping (605-773-3368)
<i>Brucella</i> Serology	Acute and convalescent sera	Ship on cool pack; ship as Category B
<i>Burkholderia mallei</i>	Pure culture	Ship on cool pack; notify SDPHL before shipping (605-773-3368)
<i>Campylobacter</i> culture	Pure culture or stool in Cary-Blair	Ship at room temperature; ship as Category B
Carbapenemase PCR	Rectal swab, stool, or pure culture	Ship at room temperature; ship as Category B
Carbapenem-Resistant Enterobacteriaceae	Pure culture of Enterobacteriaceae	Ship at room temperature; ship as Category B
Chlamydia	Urine; urogenital, throat, rectal, or male urethral swabs	Urine in GEN-PROBE tube; swab in transport medium; ship at room temperature
<i>Clostridium botulinum</i>	Serum, stool, food, wound, culture	Ship on cool pack; ship as Category B
<i>Clostridium perfringens</i>	Pure culture, stool in Cary-Blair	Ship at room temperature; ship as Category B
<i>Corynebacterium diphtheria</i>	Throat, lesion, or membrane swab; pure culture	Send dry swab in sterile container; ship as Category B
<i>Coxiella burnetii</i>	Acute and convalescent serum	Ship on cool pack ship as Category B
<i>Cryptosporidium</i>	Stool preserved in Para-Pak 10% formalin vial	Ship at room temperature; ship as Category B
<i>Cyclospora</i>	Stool preserved in Para-Pak 10% formalin vial	Ship at Room temperature; ship as Category B
Cytomegalovirus Serology	Acute and convalescent sera	Ship on cool pack (do not freeze); ship as Category B
Ebola virus	Two EDTA blood tubes (purple or lavender top)	Ship on cool pack; ship as Suspect Category A; notify SDPHL before shipping (605-773-3368)
Enteric Stool Culture	Stool in Cary-Blair	Ship on cool pack; ship as Category B
<i>Enterobius vermicularis</i>	Scotch tape preparation	Ship at room temperature; ship as Category B
<i>Escherichia coli</i> 0157:H7	Pure culture or sorbitol-negative E. coli colonies	Ship at room temperature; ship as Category B
FilmArray Gastrointestinal Panel	Stool in Cary-Blair or Enteric Plus	Ship at room temperature; ship as Category B
FilmArray Respiratory Panel	Nasopharyngeal swab or aspirate in VTM	Ship on cool pack; ships as Category B
<i>Francisella tularensis</i> Culture	Blood, sputum, lymph node, nasopharyngeal wash, gastric aspirate, pure culture	Ship on cool pack; ship as Suspect Category A; notify SDPHL before shipping (605-773-3368)
<i>Francisella tularensis</i> Serology	Acute and convalescent sera	Ship at room temperature; ship as Category B
Fungal Culture	Pure culture	Ship at room temperature; ship as Category B
<i>Haemophilus influenzae</i> Type B	Pure culture from sterile site	Ship at room temperature; ship as Category B
Hantavirus Serology (Sin Nombre)	Acute serum; convalescent upon request	Ship on cool pack; notify SDPHL before shipping (605-773-3368)
Hepatitis A Antibody (HAV IgM)	Serum only	Ship on cool pack; ship as Category B
Hepatitis Acute Panel	Serum or plasma	Ship on cool pack; ship as Category B

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Hepatitis B Chronic Panel	Serum or plasma	Ship on cool pack; ship as Category B
Hepatitis B Core Antibody (HBc IgM)	Serum or plasma	Ship on cool pack; ship as Category B
Hepatitis B Core Total Antibody (HBcAb)	Serum or plasma	Ship on cool pack; ship as Category B
Hepatitis B Diagnostic Panel	Serum or plasma	Ship on cool pack; ship as Category B
Hepatitis B Surface Antibody (HBsAb)	Serum or plasma	Ship on cool pack; ship as Category B
Hepatitis C Virus (HCV)	Serum or plasma	Ship on cool pack; ship as Category B
Herpes Simplex Virus Serology	Acute and convalescent sera	Ship on cool pack; ship as Category B
Human Immunodeficiency Virus (HIV)	Serum or Plasma (EDTA and heparin)	Ship on cool pack; ship as Category B
Influenza A/B PCR	Throat swab, nasopharyngeal swab or aspirate, nasal swab or wash. Specimens in VTM preferred	Ship on cool pack; ship as Category B
Interferon Gamma Release Assay	Whole blood collected in manufacturer tubes	Ship at room temperature; ship as Category B
Legionella Culture	Sputum, bronchial wash, lung biopsy	Ship at room temperature; ship as Category B; contact SDPHL before shipping (605-773-3368)
Legionella Serology	Acute and convalescent serum	Ship at room temperature; ship as Category B
Listeria monocytogenes	Pure culture	Ship at room temperature; ship as Category B
Lyme IgG Antibody	Serum	Ship on cool pack; ship as Category B
Lyme IgM Antibody	Serum	Ship on cool pack; ship as Category B
Measles Serology (IgG)	Serum	Ship on cool pack; ship as Category B
Mumps Serology (IgG)	Serum	Ship on cool pack; ship as Category B
Mumps Serology (IgM)	Acute serum	Ship on cool pack; ship as Category B
Mumps PCR	Buccal swab (preferred), throat swab, or nasopharyngeal swab in viral transport medium; urine in sterile container	Ship at room temperature; ship as Category B; contact SDPHL before shipping (605-773-3368)
Middle Eastern Respiratory Syndrome (MERS)	Broncho alveolar lavage, tracheal aspirate, pleural fluid, sputum, nasopharyngeal swab	Ship on cool pack; ship as Category B; contact SDPHL before shipping (605-773-3368)
Miscellaneous Bacterial Culture	Pure culture	Ship on cool pack; ship as Category B
MRSA for PFGE	Pure culture	Ship at room temperature; ship as Category B; contact SDPHL before shipping (605-773-3368)
<i>Mycobacterium</i> Culture	Sputum, urine, gastric wash, pleural fluid, blood, other body fluid, bone marrow, and tissue	Ship at room temperature; ship as Category B
<i>Mycobacterium</i> Reference Culture	Pure culture; MGIT broth	Ship at room temperature; ship as Category B
Mycology	Pure culture	Ship at room temperature; ship as Category B
<i>Neisseria gonorrhoea</i> Molecular	Urine; urogenital, throat, rectal, or male urethral swabs	Urine in GEN-PROBE tube; swab in transport medium; ship at room temperature
<i>Neisseria gonorrhoea</i> Culture	Pure culture; urogenital, throat, rectal, or conjunctival swab	Ship on Thayer Martin or chocolate agar with increased CO ₂ ; ship at room temperature or cool pack; ship as Category B
<i>Neisseria meningitidis</i>	Pure culture from sterile site for serotyping	Ship at room temperature; ship as Category B
<i>Neisseria</i> species	Pure culture for identification and serotyping	Ship at room temperature; ship as Category B
Ova and Parasite Exam	Stool in 10% formalin vial and zinc-PVA vial	Ship at room temperature; ship as Category B
Pulsed Field Gel Electrophoresis	Pure culture	Ship at room temperature; ship as Category B; contact SDPHL before shipping (605-773-3368)

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Rabies virus	Head or brain tissue from small animals; brain only from large animals	Ship on cool pack; ship as Category B; contact SDPHL before shipping (605-773-3368)
Rabies Serology	Serum for titer	Ship on cool pack; ship as Category B
Rocky Mtn Spotted Fever	Acute and convalescent serum	Ship on cool pack; ship as Category B
Rickettsia Serology Panel (Rocky Mtn Spotted Fever, Typhus, and <i>C. burnetii</i>)	Acute and convalescent serum	Ship on cool pack; ship as Category B
Rubella Serology (IgM)	Acute serum	Ship on cool pack; ship as Category B
Rubella Serology (IgG)	Serum	Ship on cool pack; ship as Category B
<i>Salmonella</i> Culture	Stool in Cary-Blair	Ship at room temperature; ship as Category B
<i>Salmonella</i> ID Confirmation and Serotyping	Pure culture	Ship at room temperature; ship as Category B
Shigatoxin-producing <i>E. coli</i> (STEC)	Stool in Cary-Blair or MacConkey Broth	Ship on cool pack; ship as Category B
<i>Shigella</i> Culture	Stool in Cary-Blair or Enteric Plus	Ship on cool pack; ship as Category B
<i>Shigella</i> ID Confirmation and Serotyping	Pure culture	Ship on cool pack; ship as Category B
Syphilis - <i>Treponema pallidum</i> Particle Agglutination (TPPA)	Serum	Ship on cool pack; ship as Category B
Syphilis - Rapid Plasma Reagin (RPR)	Serum	Ship on cool pack; ship as Category B
Typhus Serology	Acute and convalescent sera	Ship on cool pack; ship as Category B
Varicella Zoster Serology (IgG)	Serum	Ship on cool pack; ship as Category B
Variola Virus (Smallpox)	Lesion material	Ship on cool pack; ship as Suspect Category A; contact SDPHL before shipping (605-773-3368)
<i>Vibrio</i> Culture		Ship at room temperature; ship as Category B
<i>Vibrio</i> ID Confirmation	Pure culture	Ship at room temperature; ship as Category B
West Nile Virus Serology (IgM)	Acute serum or CSF	Ship on cool pack; ship as Category B
West Nile Virus Serology (IgG)	Serum	Ship on cool pack; ship as Category B
<i>Yersinia</i> Culture	Stool in Cary-Blair	Ship at room temperature; ship as Category B
<i>Yersinia</i> ID Confirmation	Pure culture	Ship at room temperature; ship as Category B
<i>Yersinia pestis</i>	Pure culture, blood, aspirated fluids from lymph node or bubo	Ship on cool pack; ship as Suspect Category A; contact SDPHL before shipping (605-773-3368)