

effective

Bureau of Public Health Laboratories Test Catalogue

You can narrow your search by making your selection from the drop-down arrow available in the header cell of each column. Once filtered, to return to full list, select "ALL" from the drop-down arrow in the filtered column.

Test Name	Analyte(s)	Section	Test Code	Spec Requirement	Unsatisfactory Specimens	Special specimen Preparation	Result Indicator	Additional Information	TAT	BPHL - JAX	BPHL - Miami	BPHL - Tampa	Reference Lab	Notes
Measles virus (MeV) (Rubella), PCR	measles (MeV)	Virology	1755	Nasopharyngeal or throat swabs in viral transport medium; urine	Swabs with calcium alginate or cotton tips or with wooden shafts are not acceptable.	Store and ship at 4°C on gel ice packs immediately.	Measles virus detected or no virus detected	Requires prior approval from CHD and notification to the testing lab.	1 - 5 days	X		X		
Herpes simplex virus (HSV), PCR	herpes (HSV)	Virology	0834	Vesicular/pustular fluid collected on swab in VTM/UTM. CSF. Cell culture isolate, scab biopsy samples	Swabs with calcium alginate or cotton tips or with wooden shafts are not acceptable.	Store at 2-8°C. Ship cold on gel ice packs.	HSV-1 or HSV-2 detected or no virus detected		5 - 10 days	X		X		
Non-Viral Respiratory Pathogens, PCR	Mycoplasma Pneumoniae, Chlamydia pneumoniae, Legionella spp.	Virology	9030, 9200, 9220	Acute throat or nasopharyngeal swab; sputum, tissue, bronchial lavage fluid, bronchial washing, CSF, bacterial isolates	Swabs with calcium alginate or cotton tips or with wooden shafts are not acceptable.	DACRON swab in viral transport medium. DO NOT FREEZE. Ship cold on gel ice packs.	Name of organism detected or not detected	Please confirm information with Testing lab. Requires prior arrangement with testing lab.	3 - 10 days	X		X		Regarding multiple test codes (4)
Vaccinia Virus Detection, PCR		BT	9.7	Specimen types: (1) Dried vesicular fluid on a slide (touch prep) (2) Fresh biopsy (no formalin) (3) Skin or crust from roof of vesicle (4) Dry or wet swab of lesion NOTE: A dry swab is preferred for PCR. Wet swabs may be accepted if dry swabs are not available. Swabs with metal shafts are more difficult to break off and should not be used for sample collection. (5) Cellular material from tissue culture demonstrating cytopathic effect (Viral cell culture lysate). Specimens may be stored and shipped at 2-8°C, or ≤ -70°C if shipping is expected to occur more than 24 hours after collection.	Incomplete labeling or documentation.	Ship refrigerated on gel ice packs	Vaccinia virus detected or No virus detected		1 - 3 days	X	X	X		
Arbovirus Plaque Reduction Neutralization Test (PRNT) (38)	eastern equine encephalitis (EEE), St. Louis encephalitis (SLE), dengue (DEN), West Nile (WN), and Zika (ZIK)	Virology	1520, 1522, 1524, 1536	Single or Paired sera (3)	NA - The test cannot be ordered by providers outside of the BPHL. The BPHL lab determines if the test is warranted or not dependent on the patient history, results of other tests etc.	Vacutainer (red stopper) or serum separator tube.	Titer and interpretation or negative	Please confirm information with Testing lab. Date of onset, mosquito exposure, clinical symptoms, and recent travel history is required.	7 - 21 days			X		Internal order only (23). Regarding multiple test codes (4)
Varicella zoster virus (VZV), Culture (isolation)	varicella zoster (VZV)	Virology	1590	Swab of lesion placed in viral transport medium.	NA - The test cannot be ordered by providers outside of the BPHL. The BPHL lab determines if the test is warranted or not dependent on the patient history, results of other tests etc.	Ship cold on gel ice packs.	VZV isolated or no virus isolated	Please confirm information with Testing lab.	10 - 21 days			X		Internal order only (23).
Arbovirus, Serology, IgG ELISA	eastern equine encephalitis (EEE), St. Louis encephalitis (SLE), dengue (DEN), West Nile (WN), and chikungunya (CHIK)	Virology	1533, 1690, 1692, 1694, 1698,	Single or Paired sera (3)		Vacutainer (red stopper) or serum separation tube	Positive or Negative or Equivocal	Please confirm information with Testing lab. Date of onset, mosquito exposure, clinical symptoms, and recent travel history is required.	5 - 10 days	X		X		Regarding multiple test codes (4)

effective

Bureau of Public Health Laboratories Test Catalogue

8/27/2021 You can narrow your search by making your selection from the drop-down arrow available in the header cell of each column. Once filtered, to return to full list, select "ALL" from the drop-down arrow in the filtered column.

Test Name	Analyte(s)	Section	Test Code	Spec Requirement	Unsatisfactory Specimens	Special specimen Preparation	Result Indicator	Additional Information	TAT	BPHL - JAX	BPHL - Miami	BPHL - Tampa	Reference Lab	Notes
Varicella zoster virus (VZV), IgM	varicella zoster (VZV)	Virology	1760	Freshly drawn serum	Specimens containing anticoagulants or preservatives. Hemolyzed, lipemic, or bacterially contaminated serum.	Store at room temperature ≤ 8 hours. May be stored between 2-8°C for 48 hours. If specimen will be stored ≥ 48 hours, freeze at 5-20°C. Avoid multiple freeze/thaw cycles. Ship cold on gel ice packs. If frozen, ship on dry ice.	Positive, Negative or Equivocal	Requires prior arrangement with testing lab.	1 - 5 days	X				
Enterovirus (EV), Sequencing	enteroviruses (EV)	Virology	1810	Acute Feces (collected in sterile container, no preservatives), CSF, pericardial fluid, rectal swab, throat swab.	Swabs with calcium alginate or cotton tips or with wooden shafts are not acceptable.	Dacron swab in viral transport medium. Ship frozen on dry ice or cold on gel ice packs.	Name of virus detected or no virus detected		7 - 30 days			X		Internal order only (23).
Influenza virus, PCR (16)	influenza	Virology	9100	Upper respiratory tract samples including: nasal swabs, nasopharyngeal (NP) swabs, throat swabs, nasal aspirate, nasal wash, Dual NP/Throat swab. Lower respiratory tract samples including: Bronchoalveolar lavage, Bronchial Wash, tracheal aspirate, sputum, lung tissue. Viral culture samples.	Swabs with calcium alginate or cotton tips or with wooden shafts are not acceptable.	All samples should be transported at a temperature of 2-8° C. Ship on gel packs. Specimens can be refrigerated for up to 72 hours before processing if necessary. Longer than 72 hours freeze specimen 5-70°C.	Influenza A (with subtype) or Influenza B detected (with lineage) or no virus detected		5 - 7 days	X	X	X		
HIV-1 NAAT		Retrovirology	530	Collect a "pearl top" Plasma Preparation Tube (PPT) (preferred) or a "red/tiger top" Serum Separator Tube (SST) (acceptable).	1) Quantity not sufficient (ONS) 2) No ID on specimen 3) Mismatch hx/specimen 4) Grossly hemolyzed 5) Leaked in transit 6) Laboratory Accident 7) No specimen received	Centrifuge PPT or SST bloods within 8 hours of collection and refrigerate (4°C) until shipment. Submit centrifuged PPT or SST bloods via overnight delivery at room temperature, ice packs or frozen with dry ice. If for some reason a blood cannot be shipped via overnight delivery, the shipment must include sufficient dry ice to ensure frozen status at delivery. Patient ID and date of collection on the tube must match the accompanying lab requisition.	Laboratory interpretations: RNA Detected or RNA Not Detected or Invalid	If centrifugation is not possible at POC, whole bloods collected in red tops, purple tops, SSTs or PPTs are acceptable if they can be delivered to the laboratory by next day, Monday - Friday (same day for Friday blood draws).	2 - 3 days	X	X			
Enteric Culture (6)		Microbiology	1900	Stool for enteric pathogens	Specimen submitted in wrong transport medium. Name on specimen tube and requisition do NOT match. Specimen damaged or leaked in transit. Specimen received >7 days after collection	Specimens must be submitted in Modified Cary-Blair derived or type of transport medium only within 96 hours of collection. Rectal swabs from infants are acceptable if less than 48 hours old. Raw stool submitted for testing must be received within 24 hours of collection. Transport may be at room temperature or at 2-8 °C. Specimens may be refrigerated at 2-8 °C if not being shipped within 24 to 48 hours. If multiple stool cultures are requested, sample collections must NOT be collected during the same 24 hour period. Specimens that do not meet this requirement will not be cultured and reported as unsatisfactory. Samples received at ≥ to five days from collection will be reported with a disclaimer, "For stool samples collected ≥ to five days old, recovery of pathogens may be diminished due to sample degradation".	Positive for pathogens or Negative	Transport media may be requested from the testing lab. Prior arrangement with lab is required for Campylobacter	3 days	X	X	X		
Throat (Beta Strep) Culture		Microbiology	2100	Throat or nasopharyngeal swab.		Specimens of the throat or pharynx received on swabs in a sterile cotton top tube or in a transport medium. Specimens should be shipped at room temperature within 48 hours of collection.	Presence or absence of beta-hemolytic Streptococci including group A.	Corynebacterium diphtheriae - will be sent to BPHL - Jacksonville for identification. Please confirm information with Testing lab.	2 days	X	X	X		

effective

Bureau of Public Health Laboratories Test Catalogue

8/27/2021 You can narrow your search by making your selection from the drop-down arrow available in the header cell of each column. Once filtered, to return to full list, select "ALL" from the drop-down arrow in the filtered column.

Test Name	Analyte(s)	Section	Test Code	Spec Requirement	Unsatisfactory Specimens	Special specimen Preparation	Result Indicator	Additional Information	TAT	BPHL - JAX	BPHL - Miami	BPHL - Tampa	Reference Lab	Notes
Aerobic Isolate Identification		Microbiology	2300	Pure isolates - any aerobic bacterial isolate -- from a clinically relevant source.	No patient identification on specimen. Name on specimen tube and requisition do NOT match. Specimen damaged or leaked in transit. Specimen not viable	Specimens must be submitted on a Heart Infusion Stant or suitable plating media. Isolates should be forwarded at room temperature to the lab within 24-48 hours of isolation.	Identification and serogrouping is performed for Haemophilus influenzae, Neisseria meningitidis, STEC, Salmonella (for epi purposes), Shigella, and Vibrio cholera	All Neisseria meningitidis isolates are sent to CDC Enhanced Surveillance Project.	7-28 days	X	X	X		
Aerobic Isolate Identification (for Diphtheria) - (26)		Microbiology	2300	Throat Swab (Deep throat specimen and/or piece of membrane if present) or isolate	non-viable or "dry" swab; in addition to the conditions listed under Aerobic Isolate Identification	Specimens of the throat or pharynx received on swabs in a sterile cotton top tube or in a transport medium. Specimens should be shipped at room temperature within 48 hours of collection.	Negative for C. diphtheriae or C. diphtheriae isolated (pos)	Diphtheria culture requests must be reviewed and approved by the regional/state epidemiologist prior to submitting swab or isolate to BPHL-Jax. Epi arranges for antibiotic to be shipped for administration to the patient. (27)	7-28 days	X				
Anaerobic Isolate Identification		Microbiology	2400	Anaerobic bacterial isolate, any source		Anaerobic thioglycollate broth in screw capped tube taped shut.	Identification of anaerobes	Please confirm information with Testing lab.	7 - 30 days	X				
Anaerobic culture		Microbiology	2500			Specimens must be submitted on media with an anaerobic atmosphere. Isolates should be forwarded to the lab within 24-48 hours of isolation.	Please check with BPHL-Jacksonville for information	Please check with testing lab for testing and submission information.	3 - 7 days	X				
Aerobic Culture		Microbiology	2600	Any clinical specimen (except anaerobe, stool or throat)	Specimen received >4 days after collection. No patient identification on specimen. Name on specimen tube and requisition do NOT match. Specimen damaged or leaked in transit	Swab or material in a sterile transport system.	Identification of pathogens.	This does not include cultures for stool or throat.		X	X	X		
B. pertussis: Culture/PCR		Microbiology	2700	Collect Amies E-swab LQ PerNasal NYLON NASOPHARYNGEAL SWABS. Insert NP swab in E swab transport medium and ship in cooler (cushion R-L tube) to the laboratory.	This assay has been validated for nasal respiratory specimens. Other specimen types may be tested by special request from the state of Florida epidemiologists, even if they have not been validated for routine testing.	Ship transport media cold (NOT FROZEN).	Positive or negative of culture results B. pertussis. Note: Culture alone have low sensitivity compared to PCR.	Transport media (Amies E-Swab) may be requested from the BPHL Microbiology lab. Use only nylon tipped swabs with flexible shafts. Please confirm information with Testing lab.	1 day	X				There is no restriction for provider to submit primary testing to BPHL. There is also no requirement for testing lab to submit POSITIVE sample to BPHL for confirmation.
TB Culture (solid culture on LJ and liquid culture by BACTEC MGIT 960)		Mycobacteriology	3100	Sputum or aerosol lavage (5 ml minimum), stool, urine and any source (13). Processed specimens are acceptable.	Formalin fixed or paraffin-embedded tissues. No patient identification on specimen. No specimen observed in specimen tube, specimen damaged or leaked entirely in transit. Blood specimens collected into EDTA tubes or coagulated blood is unacceptable. Gastric aspirates that have not been neutralized are not acceptable.	> 5 ml of unprocessed specimen or 0.5 - 1 ml of processed specimen in 50 ml sterile conical tube, shipped in double container. Gastric Lavage specimens must be neutralized with 100 mg of sodium carbonate if the time between collection and processing exceeds 4 hours. Specimens other than blood should be stored refrigerated until shipped. Blood must be stored and shipped at room temperature. All other specimens may be shipped ambient or cold, using a cool-pak.	Positive: All positive cultures will be stained for AFB and speciated by PRA, DNA Probe and/or hsp65 DNA Sequencing. Negative: No AFB Cultured. Contaminated: Both solid and liquid cultures contaminated.	Cultures positive for Mycobacteria tuberculosis complex (MTBC) will be reflexed to Hain test and Drug Susceptibility Testing if from new patient or 60days since previous DST results. All specimens other than blood will have AFB Smear performed.	6 weeks	X				See Notes tab under Mycobacteriology.

effective

Bureau of Public Health Laboratories Test Catalogue

You can narrow your search by making your selection from the drop-down arrow available in the header cell of each column. Once filtered, to return to full list, select "ALL" from the drop-down arrow in the filtered column.

8/27/2021	Test Name	Analyte(s)	Section	Test Code	Spec Requirement	Unsatisfactory Specimens	Special specimen Preparation	Result Indicator	Additional Information	TAT	BPHL - JAX	BPHL - Miami	BPHL - Tampa	Reference Lab	Notes
	real-time PCR (rtPCR) Nucleic Acid Amplification Test (NAAT) for TB IS6110 sequence.		Mycobacteriology	3140	Respiratory specimens (5mL minimum) or CSF. Processed specimens are acceptable.	Any non-respiratory specimens require prior approval from the TB Physician Network. Formalin fixed or paraffin-embedded tissues. No patient identification on specimen tube. No specimen observed in specimen tube, specimen damaged or leaked entirely in transit. Note: this test cannot be performed on blood specimens.	> 5 ml of unprocessed specimen or 0.5 - 1 ml of processed specimen in 50 ml sterile conical tube, shipped in double container. Gastric Lavage specimens must be neutralized with 100 mg of sodium carbonate if the time between collection and processing exceeds 4 hours. This test cannot be performed on blood specimens. Specimens should be stored refrigerated until time of shipment. Specimens may be shipped ambient or cold, using a cool-pak.	Positive: Positive for MTBC DNA. Neg: Negative for MTBC DNA. Indeterminate: inconclusive for MTBC DNA.	Positive specimens are automatically tested by HAIN test. All specimens submitted as just 3140 (NAAT) will also have smear and culture performed.	2 days	X			Paraffin embedded tissue can be sent to CDC for NAAT testing. Requires prior approval from the TB Physician Network.	[Formerly NAAT done by MTD until October 2012. MTD still listed on some forms.]
	AFB Culture for identification (CFI)		Mycobacteriology	3200	Solid or liquid TB cultures	Non-pure cultures. Cultures sent on petri dishes. No patient identification on specimen, specimen damaged in transit.	Follow shipping regulations for specimen sendouts. Prefer that cultures are shipped in metal cans as primary container to avoid breakage. Ship ambient.	Cultures will be speciated by PRA and/or DNA Probe or sequencing. If MTBC identified on a new patient, will reflex to Hain test and Drug Susceptibility testing.	First MTBC isolates on patients will also be sent to Michigan Public Health Laboratory for genotyping.	3-6 weeks	X				
	TB Drug Susceptibilities, by MIC (Minimum Inhibitory Concentration) utilizing Sensititre MYCOTB method (Trek Diagnostic Systems)		Mycobacteriology	3300	Pure culture identified as M. tb complex, growth on solid media preferred but liquid cultures are acceptable. Do not send Culture on Petri Dishes.	Non-pure cultures. Cultures sent on petri dishes or damaged in transit. No patient identification on specimen.	Follow shipping regulations for specimen sendouts. Prefer that cultures are shipped in metal cans as primary container to avoid breakage. Ship ambient. Specify on the requisition that the isolate had been identified as M. tb complex, otherwise AFB Culture for Identification may be ordered.	Susceptible/Resistant for each drug tested.	First MTBC isolates on patients will also be sent to Michigan Public Health Laboratory for genotyping.	3 - 10 weeks (3 weeks once sufficient growth on solid media)	X			CDC can perform additional molecular and conventional Drug Susceptibility testing.	
	Syphilis Confirmation TP-PA (automatic reflex only)		Serology	0210	5 ml clotted blood or 2 ml serum	NA - The test cannot be ordered by providers outside of the BPHL. The BPHL lab determines if the test is warranted or not dependent on the patient history, results of other tests etc.	Vacutainer (red stopper) or serum separator tube (preferred).	Reactive or Nonreactive	Automatic reflex if Syphilis Screen RPR and Syphilis Confirmatory Total Antibody EIA is discrepant	2 days	X				internal order only (23)
	Syphilis Confirmatory - Total Antibody (EIA) (automatic reflex)		Serology	0240	5 ml clotted blood or 3 ml serum	Grossly hemolyzed, hyperlipemic and contaminated samples. Age of specimens < 6 days.	Vacutainer (red stopper) or serum separator tube (preferred)	Reactive or Nonreactive or Indeterminate	Serum should be removed from clot ASAP. This is an automatic reflex test for Syphilis Screen RPR reactive specimens.	2 days	X	X	X		In general, this is an automatic reflex test; however, the submitter may request the lab to add this test under certain conditions. For example, if the patient is pregnant or has documented exposure, this test may be added.
	Syphilis Confirmation TP-PA (automatic reflex only)		Serology	0245	5ml clotted blood or 2ml serum	NA - Reflex Test	Vacutainer (red stopper) or serum separator tube.	Reactive or Nonreactive or Indeterminate	Automatic reflex if Syphilis Screen RPR and Syphilis Confirmatory Total Antibody EIA is discrepant		X	X			
	Syphilis Screen - RPR		Serology	0250	5 ml clotted blood or 3 ml serum, CSF cannot be tested with this method. 2° to 8°C for 5 days or -20°C or below until testing	CSF cannot be tested with this method. Grossly hemolyzed, hyperlipemic and contaminated samples. Age of specimens should be Less than 8 days.	Vacutainer (red stopper) or serum separator tube. Ship on cold gel packs.	reactive with titer or Nonreactive	Reactive specimens are tested with Confirmatory Total Antibody (EIA) test automatically. Serum should be removed from clot ASAP.	2 days	X	X	X		
	Hepatitis B Surface Antigen (HBsAg)		Hepatitis	0300	2 ml serum or 5-6 ml blood 48 hours at room temperature Samples should be stored at 20C if testing is not to be completed within 48 hours	Grossly hemolyzed, hyperlipemic and contaminated samples.	2 ml serum or 5-6 ml blood Samples should be stored at -20°C if testing is not to be completed within 48 hours	Positive or Negative or Indeterminate. If S/CO ≥ 1.00 to >5.00, automatic reflex to Hepatitis B Surface Antigen Confirmatory test.	For non-negative results, a Hepatitis B Surface Antigen Confirmatory test will be done automatically.		X	X	X		
	Hepatitis B Surface Antibody (anti-HBs) Quantitative		Hepatitis	0310	2 ml serum or 5-6 ml blood Samples should be stored at 20C if testing is not to be completed within 48 hours	Grossly hemolyzed, hyperlipemic and contaminated samples.	2 ml serum or 5-6 ml blood Samples should be stored at -20C if testing is not to be completed within 48 hours	Positive or Negative or Indeterminate with quantitative mIU/mL if positive.			X	X	X		

effective

Bureau of Public Health Laboratories Test Catalogue

8/27/2021

You can narrow your search by making your selection from the drop-down arrow available in the header cell of each column.
Once filtered, to return to full list, select "ALL" from the drop-down arrow in the filtered column.

Test Name	Analyte(s)	Section	Test Code	Spec Requirement	Unsatisfactory Specimens	Special specimen Preparation	Result Indicator	Additional Information	TAT	BPHL - JAX	BPHL - Miami	BPHL - Tampa	Reference Lab	Notes
Hepatitis B Core total Antibody (HBcAb)		Hepatitis	0320	2 ml serum or 5-6 ml blood Samples should be stored at 20C if testing is not to be completed within 48 hours	Grossly hemolyzed, hyperlipemic and contaminated samples.	2 ml serum or 5-6 ml blood Samples should be stored at -20C if testing is not to be completed within 48 hours	Positive or Negative or Indeterminate			X	X	X		
Hepatitis C Antibody Screen (IgG anti-HCV)		Hepatitis	0330	2 ml serum or 5-6 ml blood Samples should be stored at 20C if testing is not to be completed within 48 hours	Grossly hemolyzed, hyperlipemic and contaminated samples.	2 ml serum or 5-6 ml blood Samples should be stored at -20C if testing is not to be completed within 48 hours	Positive, S/Co \geq 8.0; Positive, S/Co \leq 8.0; Negative	Positive: will automatically perform supplemental HCV testing.		X	X	X		This test will reflex only if positive.
Hepatitis B Profile (10)		Hepatitis	0340	2 ml serum or 5-6 ml blood Samples should be stored at 20C if testing is not to be completed within 48 hours	Grossly hemolyzed, hyperlipemic and contaminated samples.	2 ml serum or 5-6 ml blood Samples should be stored at -20C if testing is not to be completed within 48 hours	Positive or Negative or Indeterminate result for each marker. Also quantitative mIU/mL if positive Hepatitis B Surface Antibody (anti-HBs).	Hepatitis B core Antibody, IgM is no longer available in BPHL-JAX as of 3/1/2014. IgM test is not done in Miami		X	X	X		
Hepatitis A total Antibody (anti-HAV)		Hepatitis	0350	2 ml serum or 5-6 ml blood Samples should be stored at 20C if testing is not to be completed within 48 hours	Grossly hemolyzed, hyperlipemic and contaminated samples.	2 ml serum or 5-6 ml blood Samples should be stored at -20C if testing is not to be completed within 48 hours	Positive or Negative or Indeterminate			X	X	X		
Chronic Hepatitis Profile (2)		Hepatitis	0380	2 ml serum or 5-6 ml blood	Grossly hemolyzed, hyperlipemic and contaminated samples.	One (1) vacutainer (red stopper) or serum separation tube.	Positive or Negative or Indeterminate result for each marker			X	X			
Chlamydia Screen and Gonorrhea (amplified)		Serology	0430	Male - urethral swab or urine Female - endocervical swab, or urine Oropharyngeal swabs are acceptable for testing in JAX Rectal swabs are acceptable for testing in Miami Conjunctival swab for Chlamydia (9)	Conjunctiva specimens cannot be tested.	specimen collected with swabs and transport kit provided by the test kits. Urine - good for 30 days room temperature Swab - good for 60 days at 2° to 30°C refrigerated	Positive or Negative. Indeterminate results: Please submit a new sample	Collection kits may be requested from the lab. Conjunctival site can only be tested for Chlamydia. Causes for rejection: Over filled and under filled urine samples, swab missing from collection vial, and wrong sample vial submission.	72 HRS	X (10)	X (10)	X (10)		
HIV-1 / HIV-2 antigen/antibody (Ag/Ab) screening (immunoassay - IA) and supplemental IA		Retrovirology	0500, 0510	Collect a "pearl top" Plasma Preparation Tube (PPT) (preferred) or a "red/tiger top" Serum Separator Tube (SST) (acceptable).	1) Quantity not sufficient (QNS) 2) No ID on specimen 3) Mismatch hx/specimen 4) Grossly hemolyzed 5) Leaked in transit 6) Laboratory Accident 7) No specimen received 8) Bloods rec'd >7 days post-collection	Centrifuge PPT or SST bloods within 8 hours of collection and refrigerate (4°C) until shipment. Submit centrifuged PPT or SST bloods via overnight delivery at room temperature, ice packs or frozen with dry ice. If for some reason a blood cannot be shipped via overnight delivery, the shipment must include sufficient dry ice to ensure frozen status at delivery. Patient ID and date of collection on the tube must match the accompanying lab requisition.	Laboratory interpretations: Positive or Negative or Inconclusive	If centrifugation is not possible at POC, whole bloods collected in red tops, purple tops, SSTs or PPTs are acceptable if they can be delivered to the laboratory by next day, Monday - Friday (same day for Friday blood draws).	2 - 3 days	X	X			
HIV-1, EIA (OraSure screening), and HIV-1 supplemental IA (34)		Retrovirology	0520	OraSure® collection devices.	1) Quantity not sufficient (QNS) 2) No ID on specimen 3) Mismatch hx/specimen 4) Leaked in transit 5) OraSure device expired 6) Laboratory Accident 7) No specimen received 8) OraSure specimen >21 days post-collection 9) Client <13 years old	Follow manufacturer's instruction and transporting of OraSure® samples. (POC instructions)	Laboratory interpretations: Positive or Negative or Inconclusive	OraSure Device must be tested within 21 days of collection. If BPHLM receives OraSure specimens they are forwarded to BPHLJ for testing, shipped overnight on cold packs or RT.	2 - 3 days	X	X			
CD4/CD8 count/ratio (1)		Retrovirology	0540	Requires one EDTA (lavender top) or pearl top PPT vacutainer of whole blood.	1) Wrong specimen tube rec'd 2) Whole blood rec'd > 48 post-collection. 3) Clotted whole blood.	CD4/CD8 count/ratio (1)	Absolute CD4 & CD8 counts will be reported as well as CD4/CD8 ratio	Blood must be received in the Jacksonville laboratory within 24 hrs. after collection.	2 - 3 days	X				

effective

Bureau of Public Health Laboratories Test Catalogue

8/27/2021

You can narrow your search by making your selection from the drop-down arrow available in the header cell of each column. Once filtered, to return to full list, select "ALL" from the drop-down arrow in the filtered column.

Test Name	Analyte(s)	Section	Test Code	Spec Requirement	Unsatisfactory Specimens	Special specimen Preparation	Result Indicator	Additional Information	TAT	BPHL - JAX	BPHL - Miami	BPHL - Tampa	Reference Lab	Notes
HIV-1, Viral Load - Quantitative RNA		Retrovirology	0560	Requires plasma sample collected via EDTA (lavender top) or PPT (pearl top).	1) Specimen not centrifuged. 2) Wrong specimen tube rec'd.	View link for detail. (14)	Quantitative results expressed in RNA copies/ml blood.		4 - 5 days	x				
HIV-1 Genotyping (drug resistance testing)		Retrovirology	0570	Requires plasma sample collected via EDTA (lavender top) or PPT (pearl top).	1) Viral load <1,000 RNA copies/ml. 2) Specimen not centrifuged. 3) Wrong specimen tube received.	View link for detail. (22)	Current anti-retroviral drug resistance report (mutation report optional)	HIV-1 viral load must be > 1000 RNA copies/ml blood.	5 - 6 days	x				
Gonorrhea smear		Microbiology	0600	Male only - smear of urethral exudate (gram stained or not)		slide shipped in cardboard or polystyrene container	Positive: Intracellular diplococci resembling gonococcus observed. Negative	Gonorrhea culture is preferred	1 day	X	X			
Gonorrhoea Culture		Microbiology	0700	Male - Urethral exudate, rectal or pharyngeal specimen Female - Cervical, rectal or pharyngeal specimen Specimen, collected from the proper site, is inoculated onto culture media (Martin-Lewis)	Specimen received >4 days after collection, No CO2 pill, Transport bag not sealed, Plate dried out, cracked, or expired, Name on specimen tube and requisition do NOT match	Inoculated media should be pre-incubated for 24 - 48 hours in 10% CO2 environment (Candle jar or ziplock bag with CO2 tablet) before shipping to lab. Indicate incubation time, Deliver to Laboratory as soon as possible. If shipping by mail please ship by	Positive: Gram negative, oxidase positive diplococci characteristic of Neisseria gonorrhoeae cultured. Negative		2 days	X	X	X		
Human adenovirus (HAdV) Typing, PCR	human adenovirus (HAdV) types 3, 4, 7, 11, 14, 16, and 21	Virology	9071, 9072, 9073, 9074, 9075, 9076, 9077	Upper respiratory tract samples including: nasal swabs, nasopharyngeal (NP) swabs, throat swabs, nasal aspirate, nasal wash, Dual NP/Throat swab, Lower respiratory tract samples including: Bronchoalveolar lavage, Bronchial Wash, tracheal aspirate, sputum, lung tissue	NA - The test cannot be ordered by providers outside of the BPHL. The BPHL lab determines if the test is warranted or not dependent on the patient history, results of other tests etc.	DIACRON swab in viral transport medium. Specimens can be stored at 2-8°C for up to 72 hours. Ship cold on gel ice packs.	Name of virus detected or no virus detected		7 - 14 days	X		X		Internal order only (23) Regarding multiple test codes (4)
Herpes simplex virus (HSV) Type 1/2, IgG	herpes (HSV)	Virology	0838	Freshly drawn serum	Specimens containing anticoagulants or preservatives. Hemolyzed, lipemic, or bacterially contaminated serum.	Store at room temperature ≤ 8 hours. May be stored between 2-8°C for 48 hours. If specimen will be stored ≥ 48 hours, freeze at ≤ -20°C. Avoid multiple freeze/thaw cycles. Ship cold on gel ice packs. If frozen, ship on dry ice.	Positive, Negative or Equivocal		7 - 14 day	X				
Herpes Simplex virus (HSV), Culture (Isolation)	herpes (HSV)	Virology	0900	Swab of lesion placed in viral transport medium	Swabs with calcium alginate or cotton tips or with wooden shafts are not acceptable.	Ship cold on gel ice packs.	HSV-1 or HSV-2 isolated or no virus isolated		6 - 10 days			X		
Rickettsia PCR	Rickettsia rickettsii and Rickettsia prowazekii	Virology	9793	venous whole blood preserved with EDTA or acid citrate dextrose		Blood should be collected prior to or within 48 hours of administration of appropriate antimicrobial agents. DO NOT FREEZE.	Rickettsia detected or no virus detected	CDC confirmation is required for positive results. Requires prior approval from CHD and notification of the testing lab.	7-10 days	X				
Varicella zoster virus (VZV), PCR	varicella zoster (VZV)	Virology	0920	Vesicular swab (cotton or polyester) in sterile tube without transport media, scab from crusted lesions in sterile container without transport media.	Swabs with wooden shafts, specimens on VTM or saline	Ship dry swabs at room temperature.	VZV detected or no virus detected.	Requires prior approval from CHD and notification to the testing lab.	3 - 5 days	X	X	X		

effective

Bureau of Public Health Laboratories Test Catalogue

8/27/2021

You can narrow your search by making your selection from the drop-down arrow available in the header cell of each column. Once filtered, to return to full list, select "ALL" from the drop-down arrow in the filtered column.

Test Name	Analyte(s)	Section	Test Code	Spec Requirement	Unsatisfactory Specimens	Special specimen Preparation	Result Indicator	Additional Information	TAT	BPHL - JAX	BPHL - Miami	BPHL - Tampa	Reference Lab	Notes
Parasite, Blood		Parasitology	1200	Thick and thin blood smears made immediately upon drawing patient. Use lavender top (EDTA) vacutainer tube with whole blood. Please submit the original observed slides.		Slides and blood drawn in EDTA preservative (lavender top) vacutainer. Must provide patient travel history.	Positive (includes species) or no parasites found	Requires prior arrangement with testing lab. Place labeled dried blood smears (stained and unstained) in a slide box, with grooves to separate the slides. Pack the slide box inside another box, cushioned so that it is protected from breakage. Place labeled tube of anticoagulated blood in enough absorbent material to contain any leakage, and place in a sealed plastic bag or 50 ml screw cap centrifuge tube. Pack this bag or container in a box, cushioned so that it is protected from breakage. Blood samples is required for shipment to CDC for PCR testing.		X	X			
Toxoplasma, IgG (EIA)	toxoplasma	Virology	1300	Freshly drawn serum (for exposure status)	Specimens containing anticoagulants or preservatives. Hemolyzed, lipemic, or bacterially contaminated serum.	Store at room temperature ≤ 8 hours. May be stored between 2-8°C for 48 hours. If specimen will be stored ≥ 48 hours, freeze at ≤ -20°C. Avoid multiple freeze/thaw cycles. Ship cold on gel ice packs. If frozen, ship on dry ice.	Positive, Negative or Equivocal		7 - 14 days	X				
Arbovirus Serology, IgM ELISA	eastern equine encephalitis (EEE), St. Louis encephalitis (SLE), dengue, West Nile (WN), chikungunya (CHIK), Zika (ZIK), and yellow fever (YF)	Virology	1500, 1502, 1506, 1508, 1509, 1534, 1539	CSF, and/or acute serum For Dengue only: acute serum (less than 5 days post onset of symptoms). For Zika only: acute serum (less than 14 days post onset of symptoms).		Vacutainer (red stopper) or serum separation tube. Ship cold on gel ice packs. Ship CSF frozen on dry ice or cold on gel ice packs.	Positive or Negative or Equivocal	Please confirm information with Testing lab. Date of onset, possible exposure, clinical symptoms, and recent travel history is required.	3 - 10 days	X		X		Regarding multiple test codes (4)
Cytomegalovirus (CMV), IgG	cytomegalovirus (CMV)	Virology	1540	Freshly drawn serum (for exposure status)	Specimens containing anticoagulants or preservatives. Hemolyzed, lipemic, or bacterially contaminated serum.	Store at room temperature ≤ 8 hours. May be stored between 2-8°C for 48 hours. If specimen will be stored ≥ 48 hours, freeze at ≤ -20°C. Avoid multiple freeze/thaw cycles. Ship cold on gel ice packs. If frozen, ship on dry ice.	Positive, negative or equivocal		7 - 10 days	X				
Zika virus (ZIKV)	Zika (ZIK)	Virology	Please refer to the various Arbovirus tests available.	Please refer to the various Arbovirus tests available.	Please refer to the various Arbovirus tests available.	Please refer to the various Arbovirus tests available.	Please refer to the various Arbovirus tests available.	Please refer to the various Arbovirus tests available.	Please refer to the various Arbovirus tests available.	X	X	X		See Notes tab under Arbovirus. PCR (29) Please submit samples related to travel cases to commercial labs. Submit Suspected local cases or positive labs to the State Lab for confirmation.
Varicella zoster virus (VZV), IgG	varicella zoster (VZV)	Virology	1570	Freshly drawn serum (for exposure status/immune status)	Specimens containing anticoagulants or preservatives. Hemolyzed, lipemic, or bacterially contaminated serum.	Store at room temperature ≤ 8 hours. May be stored between 2-8°C for 48 hours. If specimen will be stored ≥ 48 hours, freeze at ≤ -20°C. Avoid multiple freeze/thaw cycles. Ship cold on gel ice packs. If frozen, ship on dry ice.	Positive, Negative or Equivocal		7 - 14 days	X				
Influenza virus, Culture (Isolation)	influenza	Virology	1620	Acute throat or nasopharyngeal swab or washing.	Swabs with calcium alginate or cotton tips or with wooden shafts are not acceptable.	Dacron swab in viral transport medium. Ship cold on gel ice packs. DO NOT FREEZE.	Influenza A or Influenza B isolated or no virus isolated	Please confirm information with testing lab.	5 - 10 days			X		internal order only (23).

effective

Bureau of Public Health Laboratories Test Catalogue

8/27/2021

You can narrow your search by making your selection from the drop-down arrow available in the header cell of each column. Once filtered, to return to full list, select "ALL" from the drop-down arrow in the filtered column.

Test Name	Analyte(s)	Section	Test Code	Spec Requirement	Unsatisfactory Specimens	Special specimen Preparation	Result Indicator	Additional Information	TAT	BPHL - JAX	BPHL - Miami	BPHL - Tampa	Reference Lab	Notes
Respiratory virus, Culture (Isolation)	respiratory syncytial virus (RSV), human parainfluenza-1 (HPIV-1), human parainfluenza-2 (HPIV-2), human parainfluenza-3 (HPIV-3), adenovirus (AdV), human metapneumovirus (hMPV), rhinovirus (RV), enterovirus (EV), cytomegalovirus (CMV), and influenza viruses	Virology	1620	Acute throat, or nasopharyngeal swab; nasal, throat or bronchial washing.	Swabs with calcium alginate or cotton tips or with wooden shafts are not acceptable.	Specimens can be stored at 2-8°C for up to 72 hours. Longer than 72 hours store at -70°C. Ship cold on gel ice packs. If frozen ship on dry ice.	Name of virus isolated or no virus isolated	Please confirm information with Testing lab.	10 - 21 days			X		internal order only (23)
Arbovirus Culture (Isolation) (36)	eastern equine encephalitis (EEE), St. Louis encephalitis (SLE), dengue, West Nile (WN), chikungunya (CHIK), Zika (ZIK), yellow fever (YF), and Mayaro (MAY)	Virology	1670	CSF, brain tissue or serum.	NA - The test cannot be ordered by providers outside of the BPHL. The BPHL lab determines if the test is warranted or not dependent on the patient history, results of other tests etc.	Ship cold on gel ice packs.	Name of virus isolated or no virus isolated	Please confirm information with Testing lab. Date of onset, mosquito exposure, clinical symptoms, and recent travel history is required.	14 - 28 days			X		internal order only (23)
Arbovirus PCR (29)	eastern equine encephalitis (EEE), St. Louis encephalitis (SLE), dengue (DEN), West Nile (WN), chikungunya (CHIK), Zika (ZIK), yellow fever (YF), and Mayaro (MAY)	Virology	1532, 1550, 1682, 1686, 1688, 1689	Acute serum (less than 5 days post onset of symptoms) cold. For EEE, SLE, and WN CSF or biopsy or autopsy brain tissue, frozen. For Trioplex (detects dengue, chikungunya, and Zika in one test), additional specimen types are acceptable. Acute serum in red or tiger top tube, whole blood in EDTA, CSF, urine (1-2 ml), or amniotic fluid (less than 14 days post onset of symptoms or exposure). Whole blood in EDTA, CSF, urine, and amniotic fluid may only be tested alongside a patient-matched serum specimen. Amniotic fluid and urine are only approved for Zika.	lavender tops for Dengue PCR.	CSF, tissue, serum, urine, and amniotic fluid: Store and ship at 4°C on gel ice packs. Whole blood in EDTA.	No virus detected or name of virus detected	Please confirm information with Testing lab. Date of onset, mosquito exposure, clinical symptoms, and recent travel history is required. Requires prior arrangement with testing lab.	3 - 10 days	X	X	X		Requiring multiple test codes (4)
Ehrlichia, IgG (IFA)	Ehrlichia	Virology	1710	Paired Sera collected at least 3 weeks apart or single convalescent serum plus appropriate exposure and symptom history.		Vacutainer (red stopper) or serum separator tube.	Titer and interpretation or no antibody detected.	Date of onset, tick exposure, clinical symptoms, and recent travel history is required. Requires prior approval from CHD and notification to the testing lab.	7 - 14 days	X				
Rocky Mountain Spotted Fever (Rickettsia), IgG (IFA)	Rocky Mountain Spotted Fever (Rickettsia)	Virology	1716	Paired Sera collected at least 3 weeks apart or single convalescent serum plus appropriate exposure and symptom history.		Vacutainer (red stopper) or serum separator tube.	Titer and interpretation or no antibody detected.	Date of onset, tick exposure, clinical symptoms, and recent travel history is required. Requires prior approval from CHD and notification to the testing lab.	7 - 14 days	X				
Rubella virus, IgM	rubella	Virology	1720	Single acute serum collected 3 - 5 days post onset	test temporarily unavailable	Vacutainer (red stopper) or serum separator tube.	Positive, Negative or Equivocal	Requires prior approval from CHD and notification to the testing lab.	1 - 5 days	X				
Measles virus (MeV) (Rubella), IgG	measles (MeV)	Virology	1740	Freshly drawn serum	Specimens containing anticoagulants or preservatives. Hemolyzed, lipemic, or bacterially contaminated serum.	Store at room temperature ≤ 8 hours. May be stored between 2-8°C for 48 hours. If specimen will be stored ≥ 48 hours, freeze at -20°C. Avoid multiple freeze/thaw cycles. Ship cold on gel ice packs. If frozen, ship on dry ice.	Positive, Negative, or Equivocal Immune status		7 - 14 days	X				
Measles virus (MeV) (Rubella), IgM	measles (MeV)	Virology	1750	Single serum	test temporarily unavailable	vacutainer (red stopper) or serum separator tube.	Positive, Negative, or Equivocal	Requires prior approval from CHD and notification to the testing lab.	1 - 5 days	X				

effective

Bureau of Public Health Laboratories Test Catalogue

8/27/2021

You can narrow your search by making your selection from the drop-down arrow available in the header cell of each column. Once filtered, to return to full list, select "ALL" from the drop-down arrow in the filtered column.

Test Name	Analyte(s)	Section	Test Code	Spec Requirement	Unsatisfactory Specimens	Special specimen Preparation	Result Indicator	Additional Information	TAT	BPHL - JAX	BPHL - Miami	BPHL - Tampa	Reference Lab	Notes
Respiratory virus, PCR	respiratory syncytial virus (RSV), human parainfluenza-1 (HPIV-1), human parainfluenza-2 (HPIV-2), human parainfluenza-3 (HPIV-3), adenovirus (AdV), human metapneumovirus (hMPV), rhinovirus (RV), coronavirus (seasonal CoV HKU1, CoV NL63, CoV 229E, CoV OC43), enterovirus (EV), cytomegalovirus (CMV), influenza viruses	Virology	1810, 9025, 9040, 9100, 9225, 9260, 9290, 9320, 9360, 9540	Respiratory specimens including: Nasopharyngeal or oropharyngeal swabs washes, or aspirates. Bronchoalveolar lavage, tracheal aspirate, sputum.	Swabs with calcium alginate or cotton tips or with wooden shafts are not acceptable.	Dacron swab in viral transport media. Specimens can be stored at 2-8°C for up to 72 hours. Longer than 72 hours store at -70°C. Ship cold on gel ice packs. If frozen ship on dry ice.	Name of virus detected or no virus detected	CMV is only performed in Tampa and requires prior arrangement with testing lab.	5 - 7 days	X		X		Regarding multiple test codes (4)
Enterovirus Culture (EV) (Isolation) (7)	enterovirus (EV)	Virology	1800	Acute Feces (collected in sterile container, no preservatives), CSF, pericardial fluid, rectal swab, throat swab.	Swabs with calcium alginate or cotton tips or with wooden shafts are not acceptable.	Dacron swab in viral transport medium. Ship frozen on dry ice or cold on gel ice packs.	Name of virus isolated or no virus isolated.		7 - 21 days			X		Internal order only (23)
Enterovirus (EV), PCR (30)	enterovirus (EV)	Virology	1810	Nasopharyngeal swabs, washes or aspirates, CSF, stool in sterile cup, rectal swab, biopsy, autopsy samples, tissue	Swabs with calcium alginate or cotton tips or with wooden shafts are not acceptable.	Dacron swab in viral transport medium. Store and ship cold at 2-8°C on gel ice packs. Specimens can be refrigerated for up to 72 hours before processing if necessary.	Enterovirus detected or No virus detected		5 - 10 days	X		X		
Norovirus (NoV), PCR (21)	norovirus (NoV)	Virology	1830	Stool or vomitus (up to 3 to 5 specimens from community outbreak).	Stool in preservation or media other than Cary Blair	Sterile container or cary blair media. Ship and store at 4°C. Use gel ice packs.	Norovirus genogroup detected or no virus detected	Notify lab prior to shipment.	3 - 5 days	X		X		
CNS Panel: CSF (Alphavirus IgM ELISA & Enterovirus PCR) culture (35)	eastern equine encephalitis (EEE), St. Louis encephalitis (SLE), dengue (DEN), West Nile (WN), chikungunya (CHK), Zika (ZIK), yellow fever (YF), and enterovirus (EV)	Virology	1870	1 - 2 ml CSF		Ship CSF cold on gel ice packs or frozen on dry ice.	Positive or negative or equivocal and no virus isolated/ detected, or name of virus isolated/detected.	Please confirm information with Testing lab. Date of onset, mosquito exposure, clinical symptoms, and recent travel history is required. The testing lab decides on the test to perform upon review of patient history.	7 - 21 days	X		X		
AFB smear (Fluorescent staining by Auramine-O method. Light microscopy by Ziehl-Neelsen.)		Mycobacteriology	3100, 3110	Multiple specimen types acceptable. Sputum or other respiratory sample (5 ml minimum). Processed specimens are acceptable. AFB smears cannot be done on blood specimens. Air-Dried smears may be submitted for AFB Smear only (No AFB culture).	Formalin fixed or paraffin-embedded tissues. No patient identification on specimen tube. No specimen observed in specimen container. Specimen damaged or leaked entirely in transit. NOTE: AFB Smear cannot be done on blood specimens.	> 5 ml of unprocessed specimen or 0.5 - 1 ml of processed specimen in 50 ml sterile conical tube, shipped in double container. Air-dried smears should be placed in a slide holder during shipment, store and ship ambient. AFB Smear cannot be done on blood specimens. Store specimens refrigerated until time of shipment. Specimens can be shipped ambient or cold, using a cool-pak.	Smear: Positive (1+, 2+, 3+, 4+) with quantitation per unit area. Negative: No AFB seen.	Positive smear specimens will be reflexed to rPCR for all new patients or when >6 months since last rPCR test. (Cannot be done if only air-dried smear submitted).	1 day	X				
Enterovirus D68 (2014 EV-D68), PCR	enterovirus D68 (EV-D68)	Virology	1811	Nasopharyngeal or oropharyngeal swab, other respiratory samples including nasal wash and aspirate. Viral culture isolate. Serum can be tested only along side respiratory sample	Swabs with calcium alginate or cotton tips or with wooden shafts are not acceptable. Serum without respiratory sample.	Dacron swab in viral transport medium. Store and ship cold at 4°C. Or frozen at -20°C. Shipping conditions to match storage, ice packs or dry ice as needed.	Name of virus detected or no virus detected		7 - 14 days	X		X		Internal order only (23)
Botulism testing		Microbiology		Clinical specimen or Food specimen				Please confirm information with Testing lab. Requires prior arrangement with Epidemiology Headquarters. (Clinician must call 850-245-4401)		X	X	X	CDC	No testing is performed in the laboratory. The Laboratory will only provide Epidemiology contact information. Epidemiology will take it from there.

effective

Bureau of Public Health Laboratories Test Catalogue

8/27/2021

You can narrow your search by making your selection from the drop-down arrow available in the header cell of each column. Once filtered, to return to full list, select "ALL" from the drop-down arrow in the filtered column.

Test Name	Analyte(s)	Section	Test Code	Spec Requirement	Unsatisfactory Specimens	Special specimen Preparation	Result Indicator	Additional Information	TAT	BPHL - JAX	BPHL - Miami	BPHL - Tampa	Reference Lab	Notes
Chikungunya virus (CHIKV)	chikungunya	Virology		Please refer to the various Arbovirus tests available.	Please refer to the various Arbovirus tests available.	Please refer to the various Arbovirus tests available.	Please refer to the various Arbovirus tests available.	Please refer to the various Arbovirus tests available.	Please refer to the various Arbovirus tests available.	x	x	x		Please submit samples related to travel cases to commercial labs. Submit Suspect local cases or positive labs to the State Lab for confirmation.
Dengue virus (DENV)	dengue (DEN)	Virology		Please refer to the various Arbovirus tests available.	Please refer to the various Arbovirus tests available.	Please refer to the various Arbovirus tests available.	Please refer to the various Arbovirus tests available.	Please refer to the various Arbovirus tests available.	Please refer to the various Arbovirus tests available.	x	x	x		Please submit samples related to travel cases to commercial labs. Submit Suspect local cases or positive labs to the State Lab for confirmation.
Dengue virus (DENV) Typing, PCR	dengue virus-1 (DENV-1), dengue virus-2 (DENV-2), dengue virus-3 (DENV-3), dengue virus-4 (DENV-4)	Virology	1681	Acute serum, whole blood in EDTA, or CSF (less than 14 days post onset of symptoms or exposure).	NA - The test cannot be ordered by providers outside of the BPHL. The BPHL lab determines if the test is warranted or not dependent on the patient history, results of other tests etc.	CSF and serum: Ship cold on gel ice packs or frozen on dry ice. Whole blood in EDTA: ship cold on gel ice packs.	No virus detected or name of virus detected	Please confirm information with Testing lab. Requires prior arrangement with testing lab.	7 - 14 days	x		x		internal order only (23)
DNA probe (Accuprobe/Gen-Probe)		Mycobacteriology		Test can be run on positive cultures when identification indeterminate by other methods.	NA - The test cannot be ordered by providers outside of the BPHL. The BPHL lab determines if the test is warranted or not dependent on the patient history, results of other tests etc.		As indicated by phenotypic growth, can test for MTBC, MAC, M.gordonae, and M.kansasii.	If indeterminate, will reflex to DNA probe and/or sequencing.	1 day after growth on liquid and/or solid culture.	x				internal order only (23)
EBOLA (33)		BT		Two (2) lavender-top blood tubes (4mL) Specimen types: (1) Blood specimens: (a) Whole blood (b) Serum (c) Plasma (2) Urine NOTE: Urine should not be the sole specimen tested from a patient. If a urine specimen from a patient is tested, it should be tested alongside a blood specimen from the patient. (1) Whole blood can be stored for up to 7 days at 2-8°C prior to extraction. (2) Serum, plasma and urine may be frozen if a delay in extraction is anticipated. Specimens should be frozen at s -70°C, if available. (3) RNA must be stored at 2-8°C once extracted. If PCR cannot be performed the same day as specimen extraction, RNA must be stored at -70°C or lower.	any other specimen type. Incomplete labeling or documentation.	Two (2) lavender-top blood tubes (4mL)		Travel and exposure history must be submitted with specimen. Requires prior arrangement with testing lab and Epidemiology. Prior approval from Dr. Blackmore, in consultation with CDC.		x	x	x		
GeneXpert MTD/RIF (Cepheid)		Mycobacteriology		Respiratory specimens only.	Formalin fixed or paraffin-embedded tissues.		Presence or absence of MTB DNA, and Presence, absence, or indeterminate for RIF target DNA (Rifampin resistance). Indeterminate: Invalid, Error, or No Result.	Test only run when requested by Florida TB Physicians.	< 1 day	x				internal order only (23)

effective

Bureau of Public Health Laboratories Test Catalogue

8/27/2021

You can narrow your search by making your selection from the drop-down arrow available in the header cell of each column. Once filtered, to return to full list, select "ALL" from the drop-down arrow in the filtered column.

Test Name	Analyte(s)	Section	Test Code	Spec Requirement	Unsatisfactory Specimens	Special specimen Preparation	Result Indicator	Additional Information	TAT	BPHL - JAX	BPHL - Miami	BPHL - Tampa	Reference Lab	Notes
GenoType MTBDRplus (Hain Lifesciences)		Mycobacteriology		Test will be run on all PCR positive specimens and cultures received for identification and/or DST.	Formalin fixed or paraffin-embedded tissues.		TB 'wild type' (susceptible) no mutation present. TB with missing wild type sequences and/or present mutations in regions of rpoB gene (for Rifampin resistance), and katG and inhA genes (for Isoniazid resistance). No TUB band present.	Sequencing can be performed to confirm presence or absence of specific mutations.	1-4 days after PCR testing.	X				Internal order only (23)
Hepatitis B Surface Antigen Confirmatory test (automatic reflex only)		Hepatitis		2 ml serum or 5-6 ml blood	NA - Reflex Test	One (1) vacutainer (red stopper) or serum separation tube.	Confirmed Positive or Not Confirmed or Indeterminate			X				Internal order only (23)
Hepatitis C RNA NAT (automatic reflex if needed for Chronic Hepatitis Panel and Hepatitis C Antibody Screen orders)		Hepatitis		2 ml serum	NA - Reflex Test	Ship at 2 up to 4 days. If it will be more than 4 days before the specimen reaches the laboratory, ship at -10° C (minus 10° C)	Reactive or Non-reactive for HCV RNA plus viral load			X				This test may be ordered independently.
HIV-1, Western Blot, dried blood spots		Retrovirology		dried blood spots.			Positive, Negative or Indeterminate for HIV-1 antibodies.	Requires special permission from CDC NHBS project coordinator	4 - 5 days		X			
MERS coronavirus (MERS CoV) (28)	MERS coronavirus (MERS CoV)	Virology	9789	Respiratory specimens, such as nasopharyngeal or oropharyngeal swabs, lower respiratory tract aspirates/washes, stool, serum (red or tiger top), Synthetic (dacron) swab in VTM.	Any other specimen type. Swabs with calcium alginate or cotton tips or with wooden shafts are not acceptable.	Ship between 2-8°C on gel ice packs. Specimens can refrigerated for up to 72 hours before processing.	MERS coronavirus detected or no virus detected	Please confirm information with Testing lab and Epidemiology. Requires prior arrangement with Epidemiology.	1 - 5 days	X	X	X		
Miscellaneous parasitology		Parasitology		PVA specimens, Acid Fast slides for Cyclospora , etc		contact testing lab for specimen collection details.	Positive or No Parasites found.			X	X	X		
Mumps virus , IgG	mumps	Virology	1660	Freshly drawn serum	Specimens containing anticoagulants or preservatives. Hemolyzed, lipemic, or bacterially contaminated serum.	Store at room temperature ≤ 8 hours. May be stored between 2-8°C for 48 hours. If specimen will be stored ≥ 48 hours, freeze at ≤ -20°C. Avoid multiple freeze/thaw cycles. Ship cold on gel ice packs. If frozen, ship on dry ice.	Positive, Negative or Equivocal		7 - 14 days	X				
Mumps virus , IgM	mumps	Virology	1664	Single serum	test temporarily unavailable	Vacutainer (red stopper) or serum separator tube.	Positive, Negative, or Equivocal	Requires prior approval from CHD and notification to the testing lab.	1 - 5 days	X				
Mumps virus , PCR	mumps	Virology	1668	Buccal (preferred) or oropharyngeal swabs. Nasopharyngeal aspirates; urine, cell culture isolates.	Swabs with calcium alginate or cotton tips or with wooden shafts are not acceptable.	Store and ship at 4°C. Ship cold on gel ice packs immediately. If a delay in shipment, preserve sample at ≤ -70°C. Frozen samples need to be shipped on dry ice.	Mumps virus detected or no virus detected	Requires prior approval from CHD and notification to the testing lab.	1 - 5 days	X		X		
Newborn Screening tests (25)		Newborn Screening		Collect specimen on a DOH Form 677 by sticking baby's heel with a lancet, obtaining a homogenous sample. Apply blood to one side, must soak through filter paper.		Air dry flat for 3 hours and mail within 24 hours to the Newborn Screening Program. Remove all copies and fold biohazard shield over dried specimen before mailing.	Presumptive Positive, Borderline, Within Normal Limits			X				

effective

Bureau of Public Health Laboratories Test Catalogue

8/27/2021

You can narrow your search by making your selection from the drop-down arrow available in the header cell of each column. Once filtered, to return to full list, select "ALL" from the drop-down arrow in the filtered column.

Test Name	Analyte(s)	Section	Test Code	Spec Requirement	Unsatisfactory Specimens	Special specimen Preparation	Result Indicator	Additional Information	TAT	BPHL - JAX	BPHL - Miami	BPHL - Tampa	Reference Lab	Notes
Ova & Parasites, Intestinal		Parasitology		Preserved specimens (those in Formalin, Total Fix, PVA-fixative) may be examined at the convenience of the microscopist and may be left on the table or counter. There is no need to refrigerate these specimens; in fact, if PVA-fixed specimens are refrigerated, they harden and become useless. Unpreserved specimens, on the other hand, should be examined immediately upon receipt, or stored in such a way that organisms will be maintained in an identifiable condition. Storage might be in incubator or preservative added to maintain organism identification. Shipment to laboratory should be within 24 hours of collection.	Unacceptable specimens are those that are not sufficient for testing or unpreserved stools are older than 24 hours. At least 1 ml of liquid stool is needed for microscopy.	5% or 10% formalin preservative. Provide travel history if available.	Positive (includes species) or no parasites found. All specimens are checked for Cryptosporidium and Cyclospora using acid fast stain.	For specimen collection kit, please contact testing laboratory.		X	X	X		
Parasitic / Mycologic (Fungal) serology		Serology		1 - 3 ml serum		Complete patient history required. For Malaria and Meningoencephalitis, contact testing lab prior to shipping.		Please confirm information with Testing lab. Requires prior arrangement with testing lab.		X				
pncA sequencing		Mycobacteriology		Test will be run on all positive cultures requiring Drug Susceptibility Testing.	NA - The test cannot be ordered by providers outside of the BPHL. The BPHL lab determines if the test is warranted or not dependent on the patient history, results of other tests etc.		Positive: Will report mutations detected and whether they are known to be associated with PZA resistance. (Comments will be added when pncA resistance mutations indicate wildtype for M. bovis.) Negative: No pncA mutation detected. Cannot rule out PZA resistance.		3-7 days once culture positive	X			CDC	Internal order only (23)
PRA (PCR Restriction Analysis)		Mycobacteriology		Test will be run on all positive cultures.	NA - The test cannot be ordered by providers outside of the BPHL. The BPHL lab determines if the test is warranted or not dependent on the patient history, results of other tests etc.		Positive will identify Mycobacteria species and some fungal species. Indeterminate if PRA pattern indistinguishable.	If indeterminate, will reflex to DNA probe and/or sequencing.	1 day after growth on liquid and/or solid culture.	X			NTM can be sent to National Jewish for DST.	Internal order only (23)
Rabies_Animal (32)		Rabies		Small animal: decapitated head Large animal: brain with brain stem	mutilated, decomposed, grossly contaminated with bacteria	Specimen must be double bagged and shipped in leak - proof container with cold packs. Use clear bags to double bag specimens.	Positive, Negative, Unsatisfactory or Inconclusive	Specimens must be submitted through the County Animal Care and Control Office.	1 - 3 days	X	X	X		Rabies Service Area Map
Rabies_Animal (32)		Rabies		Brain			Positive, Negative, Unsatisfactory or Inconclusive	Please confirm information with Testing lab. Requires prior arrangement with local CHD Epidemiology before contacting BPHL.		X	X	X	CDC	Rabies Service Area Map
Rubella virus, IgG Index value	rubella	Virology	1721	Freshly drawn serum	Specimens containing anticoagulants or preservatives. Hemolyzed, lipemic, or bacterially contaminated serum.	Store at room temperature ≤ 8 hours. May be stored between 2-8°C for 48 hours. If specimen will be stored ≥ 48 hours, freeze at ≤ -20°C. Avoid multiple freeze/thaw cycles. Ship cold on gel ice packs. If frozen, ship on dry ice.	Positive with index value, negative, or equivocal		7 - 14 days	X				
Rubella, Screen		serology	4000	1 ml serum or 5 - 7 ml of whole blood	Grossly hemolyzed, hyperlipemic and contaminated samples.	Vacutainer (red stopper)	Immune or Non-immune or Indeterminate	Test for Immune status only	2 days	X				TEST DONE IN SEROLOGY

effective

Bureau of Public Health Laboratories Test Catalogue

You can narrow your search by making your selection from the drop-down arrow available in the header cell of each column. Once filtered, to return to full list, select "ALL" from the drop-down arrow in the filtered column.

Test Name	Analyte(s)	Section	Test Code	Spec Requirement	Unsatisfactory Specimens	Special specimen Preparation	Result Indicator	Additional Information	TAT	BPHL - JAX	BPHL - Miami	BPHL - Tampa	Reference Lab	Notes
Salmonella Typing		Microbiology	2000	Pure isolates of Salmonella received from hospital laboratories or branch laboratories Stool specimens that will be processed through the Enteric bench to determine isolation of Salmonella. Shipment should be at room temperature or at 2-8°C and received within 96 hours of isolation or collection.		Nutrient agar slant or appropriate slanted tube media.	Serotyping by whole genome sequencing. Traditional serogrouping and typing done upon request from Epi.	Isolates are shipped to Jacksonville for further serotyping by whole genome sequencing (WGS).		X	X	X		
Select agents testing by Real time PCR, conventional bacteriological methods, TRF, DFA etc. (15.)		BT								X	X	X		
Respiratory Syncytial virus (RSV) Typing, PCR	Respiratory Syncytial virus (RSV) types A and B	Virology	9362	Nasopharyngeal or oropharyngeal swabs, washes or aspirates. Bronchoalveolar lavage, tracheal aspirate, or sputum	Swabs not in VTM	Dacron swab in viral transport medium. All samples should be transported at a temperature of 2-8°C. Ship on gel ice packs. Specimens can be refrigerated for up to 72 hours before processing if necessary. Store residual specimen at -70° C	Name of virus detected or no virus detected		7 - 14 days	X		X		internal order only (23)
Shiga Toxin Producing E. coli (STEC) Culture		Microbiology	2302	Specimens positive for O157 and/or Shiga Toxin Positive	Negative Shiga Toxin for non-O157 specimens	Pure isolates sent on nutrient agar slant, GN broth. Stools sent raw or in Cary Blair media.	Isolated or not isolated	Cultures will also be run for PCR to determine detection of eae, ehx A, stx 1 and stx 2. Test Code: 2301	5 to 7 days	X				
Carbapenemase Production		Microbiology	2900	Pure isolate with resistance markers		Pure isolates sent on nutrient agar slant or appropriate media.	Positive or negative	mCIM method	3 to 5 days	X				
Gene Xpert PCR		Microbiology	2905	Specimens must be submitted on a Heart Infusion Slant or suitable plating media. Isolates should be forwarded at room temperature to the lab within 24-48 hours of isolation.	Specimens will be rejected if impure or non-viable.	Pure isolates sent on nutrient agar slant or appropriate media.	Detected or not detected	KPC, NDM, IMP, VIM and OXA-48	3 to 5 days	X				
Aerobic Culture - Carbapenemase Isolate		Microbiology	2910	Pure isolate with resistance markers		Pure isolates sent on nutrient agar slant or appropriate media.	Isolated or not isolated	Organism ID by MALDI-TOF	3 to 5 days	X				
Rubella virus, PCR	rubella	Virology	1724	Nasopharyngeal or throat swabs in viral transport medium (preferred), nasopharyngeal aspirates; urine	Swabs with calcium alginate or cotton tips or with wooden shafts are not acceptable.	Store and ship at 4°C. Ship cold on gel ice packs immediately.	rubella virus detected or no virus detected	Requires prior approval from CHD and notification to the testing lab.	1 - 5 days	X				
COVID-19 Hologic Panther systems (TMA)	SARS-CoV-2 (coronavirus)	Virology		Upper and lower respiratory specimens (such as nasopharyngeal, oropharyngeal and nasal swabs, sputum, lower respiratory tract aspirates, bronchoalveolar lavage, and nasopharyngeal wash/aspirate or nasal aspirate). Swabs in VTM/UTM, sterile saline, or Amies media.	Swabs with calcium alginate swaba are unacceptable. Cotton swabs with wooden shafts are not recommended. DNA/RNA Shield and MTM are not acceptable media.	Specimens can be stored at 2-8°C for up to 72 hours. Longer than 72 hours store at s-70°C. Ship cold on gel ice packs. If frozen, ship on dry ice.	Detected or not detected		2 days					
Cyanide		Chemical Threat			Insufficient specimen	Ship on cold packs in insulated box		Available only through prior arrangement. Please call 904-791-1569						
Volatile Organic Compounds		Chemical Threat			Insufficient specimen	Ship on cold packs in insulated box		Available only through prior arrangement. Please call 904-791-1569						
Tetramine		Chemical Threat			Insufficient specimen	Ship on on dry ice in insulated box		Available only through prior arrangement. Please call 904-791-1569						
Blood Metals		Chemical Threat			Insufficient specimen	Ship on cold packs in insulated box		Available only through prior arrangement. Please call 904-791-1569						
Urine Metals		Chemical Threat			Insufficient specimen	Ship on on dry ice in insulated box		Available only through prior arrangement. Please call 904-791-1569						

effective

Bureau of Public Health Laboratories Test Catalogue

8/27/2021 You can narrow your search by making your selection from the drop-down arrow available in the header cell of each column. Once filtered, to return to full list, select "ALL" from the drop-down arrow in the filtered column.

Test Name	Analyte(s)	Section	Test Code	Spec Requirement	Unsatisfactory Specimens	Special specimen Preparation	Result Indicator	Additional Information	TAT	BPHL - JAX	BPHL - Miami	BPHL - Tampa	Reference Lab	Notes
CVAA		Chemical Threat		Store - 40° C	Insufficient specimen	Ship on on dry ice in insulated box		Available only through prior arrangement. Please call 904-791-1569						
Nitrogen Mustard		Chemical Threat		Store - 40° C	Insufficient specimen	Ship on on dry ice in insulated box		Available only through prior arrangement. Please call 904-791-1569						
Sulfur Mustard (SBMTE)		Chemical Threat		Store - 40° C	Insufficient specimen	Ship on on dry ice in insulated box		Available only through prior arrangement. Please call 904-791-1569						
Sulfur Mustard (SBMSE)		Chemical Threat		Store 2°-8° C	Insufficient specimen	Ship on cold packs in insulated box		Available only through prior arrangement. Please call 904-791-1569						
Abrine and Ricinine		Chemical Threat		Store - 40° C	Insufficient specimen	Ship on on dry ice in insulated box		Available only through prior arrangement. Please call 904-791-1569						
HNPA		Chemical Threat		Store - 40° C	Insufficient specimen	Ship on on dry ice in insulated box		Available only through prior arrangement. Please call 904-791-1569						
Organophosphorus Nerve Agents in Urine		Chemical Threat		Store - 40° C	Insufficient specimen	Ship on on dry ice in insulated box		Available only through prior arrangement. Please call 904-791-1569						
Organophosphorus Nerve Agents in Serum		Chemical Threat		Store - 40° C	Insufficient specimen	Ship on on dry ice in insulated box		Available only through prior arrangement. Please call 904-791-1569						