



NH PHL TEST MENU 2020

Expected Values are final test results deemed consistent with CDC vaccination recommendations, nationally recognized reference ranges and standard values found in certain populations for clinical and non-clinical testing. Some test results must reported to the NH Bureau of Infectious Disease. Refer to <https://www.dhhs.nh.gov/dphs/cdcs/documents/reportablediseases.pdf> for more information and reporting guidelines.

TEST	DESCRIPTION	Specialty/ Subspecialty	COLLECTION KIT?
AFB	See TB - Acid-Fast Bacillus	Microbiology/ Mycobacteriology	Yes
ANTIBIOTIC SUSCEPTIBILITY (DISC DIFFUSION)	<p>Description: Kirby Bauer disc diffusion antimicrobial testing approved by CLSI or CDC (up to 12 antimicrobials)</p> <p>Specimen: Pure isolate in supportive environment/media</p> <p>Instructions: Call to confirm availability of antimicrobials and suitability of organism for testing. Transport at ambient conditions. Tubed media must be used to transport by common carrier.</p> <p>Expected value: Susceptible, Resistant, or Intermediate of antimicrobial</p>	Microbiology/ Bacteriology	No
ANTIBIOTIC SUSCEPTIBILITY (MINIMUM INHIBITORY CONCENTRATION)	<p>Description: Minimum Inhibitory Concentration (MIC) antimicrobials using E-test technology (per antimicrobial)</p> <p>Specimen: Pure isolate in supportive environment/media</p> <p>Instructions: Call to confirm availability of antimicrobials and suitability of organism for testing. Transport at ambient conditions. Tubed media must be used to transport by common carrier.</p> <p>Expected value: Value of antimicrobial in ug/ml</p>	Microbiology/ Bacteriology	No
ARBOVIRUS (WNV, SLE, EEE)	<p>Description: Detection of West Nile virus (WNV), St. Louis encephalitis virus (SLE), and eastern equine encephalitis virus (EEE) IgM antibodies by antibody capture ELISA and IgG antibodies by ELISA</p> <p>Specimen: 1-2 ml serum; at least 1 ml CSF</p> <p>Instructions: CSF: Collect within the first 14 days following disease onset and refrigerate at 2-8° C until transport. Serum: Paired acute-phase (collect as early as possible after onset of illness) and convalescent phase (collect >= 8 days after clinical onset) and refrigerate at 2-8° C. Acute serum and CSF should be sent as soon as possible to the NH PHL for testing.</p> <p>Expected Value: Negative for WNV, SLE, and EEE antibodies</p>	Diagnostic Immunology/ General Immunology	Yes
ARSENIC SPECIATION * Contact NH PHL for further information	<p>Description: Quantitation of six urinary arsenic species by high performance liquid chromatography-inductively coupled plasma-mass spectrometry (HPLC-ICP-MS). Inorganic arsenic (AsIII and AsV), monomethylarsonic acid (MMA), and dimethylarsinic acid, (DMA) in urine correlate with nondietary (toxic) exposure to arsenic, while arsenobetaine and arsenocholine in urine represent dietary (seafood) exposure and are of little or no significance.</p> <p>*Specimen: Urine: minimum 5 mL</p> <p>*Instructions: Store sample at < or = 4°C and transport to NH PHL at < or = 4°C as soon as possible.</p> <p>Expected Value: AsIII <2 mg/L AsV <2 mg/L MMA <2 mg/L DMA <20 mg/L Sum (AsIII, AsV, MMA, DMA) <25 mg/L</p>	Chemistry/ Toxicology	Yes



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ARSENIC, TOTAL * Contact NH PHL for further information	Description: Quantitation of urinary arsenic by inductively coupled plasma mass spectrometry (ICP MS) Dynamic Reaction Cell *Specimen: Urine: 20 ml *Instructions: Refrain from seafood consumption for 3 days prior to urine collection. Freeze sample at < or = -20°C; if not possible, store sample at < or = 4°C and transport to NH PHL at < or = 4°C as soon as possible. Results exceeding expected value will be reflexed to Arsenic Speciation. Expected Value: <50 µg/L	Chemistry/ Toxicology	No
BACTERIAL CULTURE	Description: Complete identification of aerobic or anaerobic bacterial organisms including grouping or typing where appropriate Specimen: Aseptically collected clinical specimen Instructions: Transport at temperatures and atmosphere to maintain viability of organisms. Call NH PHL for further instructions if necessary Expected Value: Absence or presence of bacterial organism(s)	Microbiology/ Bacteriology	No
BACTERIAL IDENTIFICATION	Description: Complete identification of bacterial isolate includes grouping or typing where appropriate Specimen: Pure isolate in supportive environment/media. Instructions: Transport at room temperature in necessary atmosphere for maintenance of viability. Tubed media must be used to transport by common carrier. Expected Value: Genus and species of organism	Microbiology/ Bacteriology	No
BLOOD PARASITE, MICROFILARIAE, MALARIA, BABESIA	Description: Giemsa stained smears, thick and thin, Knott's concentration for microfilariae Specimen: Whole blood: Preserved with EDTA anticoagulant Smears: Peripheral blood from fingerstick or EDTA preserved blood; stained or unstained Note: Thick smears cannot be performed without preserved EDTA specimen Instructions: Transport at ambient conditions. Deliver as soon as possible as EDTA specimens >3 days from collection are unacceptable for testing. It is recommended that thin smears be prepared within one hour of collection. Once dried, thin smears should be fixed in methanol before transport. Expected Value: No parasites seen	Microbiology/ Parasitology	No
BLOOD METALS PANEL – CADMIUM LEAD MERCURY	Description: Detection of Cadmium, Lead and Mercury using Inductively Coupled Plasma Mass Spectrometry (ICP-MS). Call the NH PHL prior to specimen collection and for further information 603-271-4661. Specimen: Whole blood (EDTA), 2 mL Instructions: Refrigerate at 2-8°C until transport. Specimens should be transported to laboratory using cold packs. Expected Value: Reference range values are from the NHANES Fourth National Report.	Chemistry/ Toxicology	No

Analyte (units)	95 th percentile
Cd (µg/L)	1.40
Pb (µg/dL)	3.34
Hg (µg/L)	5.13



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CHIKUNGUNYA	<p>Description: Detection of Chikungunya virus using Real-Time RT-PCR Assay</p> <p>Specimen: 1 ml serum</p> <p>Instructions: Transport specimens to the laboratory at as soon as possible. If a delay greater than 24 hours is expected before specimens can be submitted to the laboratory, the serum should be separated and stored at refrigerated temperature. For long-term storage, serum samples for molecular diagnosis should be stored frozen (at -20°C for short-term storage or at -70°C)</p> <p>Expected Value: Chikungunya virus RNA not detected</p>	Microbiology/ Virology	Yes
CHLAMYDIA (and Gonorrhea)	<p>Description: A qualitative <i>in vitro</i> real-time Polymerase Chain Reaction (PCR) test for the automated detection and differentiation of genomic DNA from <i>Chlamydia trachomatis</i> (CT) and <i>Neisseria gonorrhoeae</i> (NG)</p> <p>Specimen: Male: oropharyngeal swab; rectal swab; urine Female: oropharyngeal swab; rectal swab; urine; endocervical swab; patient-collected vaginal swab</p> <p>Instructions: Swab specimens – Vaginal, endocervical, rectal, and oropharyngeal swabs must be placed in GeneXpert swab transport tubes at the time of collection. Tubes may be transported to the NH PHL at 2-30°C and may be stored for up to 60 days at 2-30°C before testing. Urine – 20-50 ml of first catch urine to be collected (patient should not have urinated within one hour of collection, or have cleansed the area). Transfer 7 ml of urine into the GeneXpert urine transfer tube.</p> <ul style="list-style-type: none"> • Female urine in transport tubes may be stored ≤ 45 days at 2-15°C or ≤ 3 days at 2-30°C. • Male urine in transport tubes may be stored at ≤ 45 days at 2-30°C. <p>Expected Value: Negative</p>	Microbiology/ Virology	Yes
Novel Coronavirus 2019 (nCoV-2019, SARS CoV-2, COVID-19)	<p>Description: Detection of 2019 Novel Coronavirus by RT-PCR. Call NH Bureau of Infectious Disease Control (BIDC) prior to specimen collection Testing is only allowed upon approval by NH Bureau of Infectious Disease (BIDC) and CDC. For further information 603-271-4496 or 603-271-5300 (24 hours).</p> <p>Specimen: Upper Respiratory - (Oropharyngeal swab, Nasopharyngeal swab) in Viral Transport Medium and, Lower Respiratory - (Sputum, BAL, Tracheal Aspirate) in clean sterile container.</p> <p>Instructions: Refrigerate at 2-8°C and transport to the laboratory within 3 days of collection</p> <p>Expected Value: Not Detected</p>	Microbiology/ Virology	Yes



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CYANIDE	<p>Description: Detection of Cyanide in blood by GC-MS. Call the NH PHL prior to specimen collection and for further information 603-271-4661.</p> <p>Specimen: Whole blood (EDTA), 5 mL</p> <p>Instructions: Refrigerate at 2-8°C until transport. Specimens should be transported to laboratory using cold packs.</p> <p>Expected Value: <100 ng/mL</p>	Chemistry/ Toxicology	No
DIRECT GAMMA	<p>Description: Direct gamma by Thermoluminescent Dosimetry (TLD)</p> <p>Sample: TLD badges used for environmental cumulative gamma exposure measurements in a specific location for three months</p> <p>Instructions: Annealed TLD badges are placed inside plastic container for quarterly measurements of gamma dose</p> <p>Expected Value: <= 2 mrem/hr</p>	Radiochemistry	No
EBOLA	<p>Description: Detection of Ebola virus by PCR. Call the NH PHL prior to specimen collection and for further information 603-271-4661.</p> <p>Specimen: Whole blood, EDTA</p> <p>Instructions: Testing is only allowed after a consultation with BIDC and CDC. Collect two purple top (EDTA) plastic tubes. Place each blood tube in a separate specimen bag. Store at 4 degrees until transport to lab. Package specimens as Category A infectious substances for transport by courier.</p> <p>Expected Value: Ebola virus RNA not detected</p>	Microbiology/ Virology	No
EASTERN EQUINE ENCEPHALITIS VIRUS (EEE)	See Arbovirus Serology Panel	Diagnostic Immunology/ General Immunology	Yes
ENTERIC SCREEN (LIMITED)	<p>Description: Testing for <i>Salmonella</i> and <i>Shigella sp.</i> only</p> <p>Specimen: Stool specimen in fecal transport (Cary Blair or equivalent).</p> <p>Instructions: Transport at ambient conditions; must receive within 3 days of collection. Refrigerate if delay in transport >24 hours.</p> <p>Expected Value: No <i>Salmonella</i> isolated No <i>Shigella</i> isolated</p>	Microbiology/ Bacteriology	Yes



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TEST	DESCRIPTION	Specialty/ Subspecialty	COLLECTION KIT?
ENTERIC SCREEN (FULL SCREENING)	<p>Description: Testing for <i>Salmonella</i>, <i>Shigella</i>, <i>Campylobacter</i>, <i>Aeromonas</i>, <i>Plesiomonas</i>, Enterohemorrhagic <i>E. coli</i>, <i>Yersinia sp.</i> (complete identification if found), Shiga-like toxins</p> <p>Note: Screen for enterotoxigenic <i>Staphylococcus aureus</i>, <i>Bacillus cereus</i>, and <i>Clostridium perfringens</i> NOT included in this screen. See Enteric Screen (Special).</p> <p>Specimen: Stool specimen in fecal transport (Cary Blair or equivalent).</p> <p>Instructions: Transport at ambient conditions; must receive within 3 days of collection. Refrigerate if delay in transport >24 hours.</p> <p>Expected Value: No <i>Salmonella</i>, <i>Shigella</i>, <i>Campylobacter</i>, <i>Aeromonas</i>, <i>Plesiomonas</i>, Enterohemorrhagic <i>E. coli</i>, or <i>Yersinia</i> isolated</p>	Microbiology/ Bacteriology	Yes
ENTERIC SCREEN (SPECIAL)	<p>Description: Testing for <i>Staphylococcus aureus</i>, <i>Bacillus cereus</i>, <i>Clostridium difficile</i> culture, <i>Clostridium perfringens</i></p> <p>Specimen: Stool specimen</p> <p>Instructions: Call NH PHL at 603-271-4661, for specimen and transport instructions</p> <p>Expected Value: No <i>Staphylococcus aureus</i>, <i>Bacillus cereus</i>, <i>Clostridium difficile</i>, or <i>Clostridium perfringens</i> isolated</p>	Microbiology/ Bacteriology	No
ENTEROVIRUS CULTURE	See Viral Culture	Diagnostic Immunology/ General Immunology	Yes
EPIDEMIOLOGY STUDY (Isolate or specimen) R/O <i>Bacillus anthracis</i> R/O Brucella spp R/O Burkholderia spp R/O <i>F. tularensis</i> R/O <i>Yersinia pestis</i> Babesia <i>Bacillus cereus</i> B. pertussis Campylobacter spp <i>C. botulinum/tetani</i> <i>C. diphtheriae</i> Carbapenemase Resistant Organism (CRO) Cryptosporidium EHEC/Shiga-like toxin <i>H. influenzae</i> Legionella spp Listeria spp <i>M. tuberculosis</i> <i>N. gonorrhoeae</i> <i>N. meningitidis</i> Plasmodium Salmonella spp Shigella spp <i>Strep. pneumoniae</i> Vibrio spp <i>Yersinia</i> spp	<p>Description: Complete identification of bacterial/parasitic isolate; includes grouping or typing where appropriate</p> <p>Specimen: Pure isolate in supportive environment/media or original specimen</p> <p>Instructions: Transport at temperature in atmosphere for maintenance of viability</p> <p>Expected Value: Genus and species of organism</p> <p>NOTE: Recovery of any of these organisms must be reported to the NH Bureau of Disease Control and Prevention at 603-271-4496 or follow this link: https://www.dhhs.nh.gov/dphs/cdcs/forms.htm</p> <p>For laboratory submission inquiries, please call the NH PHL at 603-271-4661.</p>	Microbiology/ Bacteriology	No



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FOOD CONTAMINANTS - FOODBORNE PATHOGENS	<p>Description: Bacteriological examination of foods and beverages for enteric pathogens</p> <p>Sample: Original food or beverage. Swabs are not acceptable.</p> <p>Instructions: Contact Bureau of Disease Control and Surveillance (603-271-4496). Refrigerate sample in closed container. If frozen, keep sample frozen.</p> <p>Expected Value: None Found</p>	Food Microbiology	No
FOOD CONTAMINANTS - GENERAL SCREEN (ADULTERATION OR TAMPERING)	<p>Description: General method to examine foods and beverages for small and medium molecular weight toxic contaminants</p> <p>Sample: At least 10 grams (if solid) or 10 ml (if liquid) of sample</p> <p>Instructions: Contact Bureau of Disease Control and Surveillance (603-271-4596), or law enforcement. Refrigerate sample in closed container.</p> <p>Expected Value: No contaminants found</p>	Food Microbiology/ Chemistry/ Toxicology	No
GAMMA SPECTROSCOPY	<p>Description: Measurement of gamma radiation using High Purity Ge Detectors</p> <p>Sample: Milk, Seawater, Feed, Biota and sediment</p> <p>Instructions: Collect samples and transport in a cooler. Record date and time of collection.</p> <p>Expected Value: 0 – 300 pCi/kg (Potassium-40 in various food and environmental samples)</p>	Radiochemistry	No
GONORRHEA (and Chlamydia)	<p>Description: A qualitative <i>in vitro</i> real-time Polymerase Chain Reaction (PCR) test for the automated detection and differentiation of genomic DNA from <i>Chlamydia trachomatis</i> (CT) and <i>Neisseria gonorrhoeae</i> (NG)</p> <p>Specimen: Male: oropharyngeal swab; rectal swab; urine Female: oropharyngeal swab; rectal swab; urine; endocervical swab; patient-collected vaginal swab</p> <p>Instructions: Swab specimens – Vaginal, endocervical, rectal, and oropharyngeal swabs must be placed in GeneXpert swab transport tubes at the time of collection. Tubes may be transported to the NH PHL at 2-30°C and may be stored for up to 60 days at 2-30°C before testing. Urine – 20-50 ml of first catch urine to be collected (patient should not have urinated within one hour of collection, or have cleansed the area). Transfer 7 ml of urine into the GeneXpert urine transfer tube. Female urine in transport tubes may be stored at ≤ 45 days at 2-15°C or ≤ 3 days at 2-30°C. Male urine in transport tubes may be stored at ≤ 45 days at 2-30°C.</p> <p>Expected Value: Negative</p>	Microbiology/ Virology	Yes



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GONORRHEA - CULTURE	<p>Description: Isolation and identification of <i>Neisseria gonorrhoeae</i>. All isolates confirmed as <i>N. gonorrhoeae</i> are tested for resistance to Penicillin, Tetracycline, Spectinomycin, Ciprofloxacin, Ceftriaxone and Azithromycin Note: Culture remains the preferred method for the detection of <i>N. gonorrhoeae</i> in children.</p> <p>Specimen: Specimens for culture should be collected with Dacron- or rayon-tipped swabs. Do NOT use calcium alginate as they may be toxic to <i>N. gonorrhoeae</i>.</p> <p>Instructions: Inoculate Jembec, Martin-Lewis, Modified Thayer Martin, NYC, Thayer Martin plate, or CA enriched (GC base) If possible, incubate 18-24 hours at 37°C before transporting to laboratory. Otherwise, plate can remain at room temperature for 16-18 hours until transported.</p> <p>Expected Value: No <i>Neisseria gonorrhoeae</i> isolated</p>	Microbiology/ Bacteriology	Yes
GONORRHEA - ISOLATES FOR CONFIRMATION	<p>Description: Identification and confirmation of suspect <i>N. gonorrhoeae</i> isolates. All isolates confirmed as <i>N. gonorrhoeae</i> are tested for resistance to Penicillin, Tetracycline, Spectinomycin, Ciprofloxacin, Ceftriaxone and Azithromycin</p> <p>Specimen: Isolate on supportive media</p> <p>Instructions: Transport at room temperature in necessary atmosphere for maintenance and viability. Tubed media is necessary for common carrier transport. To be received at PHL as soon as possible.</p> <p>Expected Value: <i>Neisseria gonorrhoeae</i> isolated with antibiotic susceptibilities</p>	Microbiology/ Bacteriology	No
GROSS ALPHA/BETA	<p>Description: Measurements of gross alpha and beta radiation using Gas Flow Proportional Counter</p> <p>Sample: Evaporated water, air filter, or wipe</p> <p>Instructions: Record air volume</p> <p>Expected Value: Gross Alpha/Beta: 0 – 0.1 Bq/L</p>	Radiochemistry	No
HEMORRHAGIC E. COLI SCREEN/CONFIRMATION	<p>Description: Screen: Shiga-like toxin EIA performed; Confirmation; bacterial culture to include biochemical identification, serogroup and serotype</p> <p>Specimen: Screen: Fecal specimen in fecal transport (Cary Blair or equivalent). Confirmation: Pure isolate on supportive media</p> <p>Instructions: Transport at ambient conditions; must receive within 3 days of stool collection. Refrigerate if delay in transport >24 hours. Tubed media must be used for transport by common carrier.</p> <p>Expected Value: No Hemorrhagic <i>E. coli</i> isolated</p>	Microbiology/ Bacteriology	Yes
HEPATITIS A VIRUS ANTIBODY (Anti-HAV) IgM	<p>Description: Detection of Hepatitis A IgM antibody by ELISA</p> <p>Specimen: 1-2 ml serum or plasma</p> <p>Instructions: Specimens may be refrigerated at 2-8°C and should be tested within 2 days of collection. For longer storage, serum or plasma (separated from whole blood) may be frozen at -20°C or below prior to transport</p> <p>Expected Value: Negative for Hepatitis A Virus IgM antibody</p>	Diagnostic Immunology/ General Immunology	Yes



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TEST	DESCRIPTION	Specialty/ Subspecialty	COLLECTION KIT?
HEPATITIS A VIRUS ANTIBODY (Anti-HAV) TOTAL	<p>Description: Detection of total antibody to Hepatitis A Virus by ELISA. Positive results will be reflexed to Hepatitis A Virus Antibody (Anti-HAV) IgM.</p> <p>Specimen: 1-2 ml serum or plasma</p> <p>Instructions: Specimens may be refrigerated at 2-8°C and should be tested within 7 days of collection. For longer storage, serum or plasma (separated from whole blood) may be frozen at -20°C or below prior to transport</p> <p>Expected Value: Negative for Hepatitis A Virus total antibody</p>	Diagnostic Immunology/ General Immunology	Yes
HEPATITIS B CORE ANTIBODY (Anti-HBc) IgM	<p>Description: Detection of Hepatitis B total core antibody by ELISA</p> <p>Specimen: 1-2 ml serum or plasma</p> <p>Instructions: Specimen should be collected within 1 month of onset of symptoms. Refrigerate at 2-8°C for up to 1 day prior to transport. If longer storage is required, serum or plasma (separated from whole blood) may be frozen at -20°C or below</p> <p>Expected Value: Negative for Hepatitis B total core IgM antibody</p>	Diagnostic Immunology/ General Immunology	Yes
HEPATITIS B CORE ANTIBODY (Anti-HBc) TOTAL	<p>Description: Detection of Hepatitis B core IgM antibody by ELISA</p> <p>Specimen: 1-2 ml serum or plasma</p> <p>Instructions: Specimen should be collected 2 to 12 weeks after onset of symptoms or whenever a chronic infection is suspected. Specimen may be refrigerated at 2-8°C and should be tested within 2 days of collection. For longer storage, serum or plasma (separated from whole blood) may be frozen at -20°C or below prior to transport</p> <p>Expected Value: Negative for Hepatitis B core antibody</p>	Diagnostic Immunology/ General Immunology	Yes
HEPATITIS B SURFACE ANTIBODY (Anti-HBs)	<p>Description: Detection of Hepatitis B surface antibody by ELISA</p> <p>Specimen: 1-2 ml serum or plasma</p> <p>Instructions: Specimen may be refrigerated at 2-8°C and should be tested within 7 days of collection. For longer storage, serum or plasma (separated from whole blood) may be frozen at -20°C or below prior to transport</p> <p>Expected Value: Positive or Negative for Hepatitis B surface antibody</p>	Diagnostic Immunology/ General Immunology	Yes
HEPATITIS B SURFACE ANTIGEN (HBsAg)	<p>Description: Detection of Hepatitis B surface antigen by ELISA</p> <p>Specimen: 1-2 ml serum or plasma</p> <p>Instructions: Specimen should be collected 2-12 weeks after onset of symptoms or whenever a chronic infection is suspected. Specimen may be refrigerated at 2-8°C and should be tested within 7 days of collection. For longer storage, serum may be stored at -20°C or below. Positive results will be reflexed to Hepatitis B Core Antibody IgM.</p> <p>Expected Value: Negative for Hepatitis B surface Antigen</p>	Diagnostic Immunology/ General Immunology	Yes
HEPATITIS C (HCV) ANTIBODY SCREEN	<p>Description: Detection of HCV antibody by ELISA</p> <p>Specimen: 1-2 ml serum or EDTA, heparinized, or citrated plasma (not heat-treated)</p> <p>Instructions: Specimen may be refrigerated at 2-8°C and should be tested within 10 days of collection. For longer storage, serum or plasma (separated from whole blood) may be frozen at -20°C or below.</p> <p>Expected Value: Negative for Hepatitis C Antibody</p>	Diagnostic Immunology/ General Immunology	Yes



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HEPATITIS C (HCV) RNA QUANTITATIVE, AMPLIFIED METHOD	<p>Description: Detection of HCV RNA by RT-PCR</p> <p>Specimen: 2 ml serum or EDTA plasma</p> <p>Instructions: Blood specimens must be centrifuged within 24 hours of collection, refrigerated at 2-8°C, and tested within 3 days. For longer storage, serum or plasma (separated from whole blood) may be frozen at -20°C or below (not freeze-thaw).</p> <p>Expected Value: HCV RNA not detected</p>	Microbiology/ Virology	Yes
HEPATITIS C VIRUS (HCV) GENOTYPING	<p>Description: Genotyping by sequence analysis of the 5'UTR region of the HCV genome</p> <p>Specimen: 1-2 ml serum or EDTA, heparinized, or citrated plasma (not heat-treated)</p> <p>Instructions: Specimen should be transported to the laboratory as soon as possible after collection. For longer storage, serum or plasma (separated from whole blood) may be frozen at -20°C or below (no freeze-thaw) prior to transport.</p> <p>Expected Value: Genotype 1 Genotype 2 Genotype 3 Genotype 4 Genotype 5 Genotype 6</p>	Microbiology/ Virology	No
HERPES SIMPLEX VIRUS (HSV) ANTIBODY IgG (Types 1 and 2)	<p>Description: Detection of Herpes Simplex virus antibody by ELISA. The Immunoblot confirmatory test will automatically be run on specimens with positive screening results</p> <p>Specimen: 1-2 ml Serum</p> <p>Instructions: Refrigerate specimens at 2-8°C and transport to the laboratory within 2 days of collection.</p> <p>Expected Value: Negative for Herpes Simplex Virus Antibody I and II</p>	Diagnostic Immunology/ General Immunology	Yes
HIV-1/2/Group O ANTIBODY SCREEN (Decedent only) (Anti-HIV-1, Anti-HIV-2, and Anti-HIV-1, Group O)	<p>Description: Combined screening test for the detection of human immunodeficiency virus-1 (HIV-1), -2 (HIV-2), and -O (HIV-1, Group O) antibody by ELISA in decedent or cadaver specimens <i>only</i>.</p> <p>Specimen: 1-2 ml serum or plasma</p> <p>Instructions: Refrigerate specimen and transport to laboratory within 7 days of collection.</p> <p>Expected Value: Nonreactive</p>	Diagnostic Immunology/ General Immunology	Yes
HIV-ANTIGEN/ANTIBODY COMBO	<p>Description: Identification of anti-HIV antibodies for HIV-1 and HIV-2, as well as for HIV-1p24 antigen</p> <p>Specimen: 1-2 ml serum or plasma</p> <p>Instructions: Transport to laboratory within 2 days of collection if stored and transported at ambient temperature, or within 7 days of collection if stored and transported at 4-8°C</p> <p>Expected Value: Nonreactive</p>	Diagnostic Immunology/ General Immunology	Yes



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INFLUENZA RT-PCR	<p>Description: Detection and characterization of Influenza virus (type A or B) from clinical specimens</p> <p>Specimen: Nasopharyngeal (NP) or nasal swabs placed in viral transport media and held at 2-8°C. Call the NH PHL for specific instructions for other specimen types, 603-271-4661.</p> <p>Instructions: Collect the specimen using swabs with a synthetic tip (such as nylon or Dacron) and an aluminum or plastic shaft. Place the swab in viral transport media. Flocked NP swabs are the preferred specimen type. Transport to the laboratory within 72 hours using cold packs.</p> <p>Expected Value: Influenza virus RNA not detected</p>	Microbiology/ Virology	Yes
L-ABRINE/RICININE	<p>Description: Liquid Detection of of L-Abrine and Ricinine using Liquid Chromatography-Mass Spectrometry-Mass Spectrometry (LC-MS/MS). Call the NH PHL prior to specimen collection and for further information 603-271-4661.</p> <p>Specimen: Urine, 5 mL</p> <p>Instructions: Specimens must be stored at -20 ± 5°C until transport. Specimens should be transported to laboratory using Dry Ice.</p> <p>Expected Value: No L-abrine /Ricinine detected.</p>	Chemistry/ Toxicology	No
LEGIONELLA CULTURE (Outbreak investigation only)	<p>Description: Selective media culture for Legionella species on buffered charcoal yeast extract (BCYE)</p> <p>Specimen: Respiratory secretions ONLY (sputa, bronchial washing/brushing, pleural fluid, lung tissue, etc.) in sterile container.</p> <p>Instructions: Refrigerate 2-8°C until transport. Specimens received >7 days from collection are unacceptable for testing.</p> <p>Expected Value: No <i>Legionella</i> isolated</p>	Microbiology/ Bacteriology	No
LEGIONELLA DFA (Outbreak investigation only)	<p>Description: Direct fluorescent antibody stain/smear for <i>Legionella pneumophila</i> types 1-6.</p> <p>Specimen: Respiratory secretions ONLY (sputa, bronchial washing/brushing, pleural fluid, lung tissue, etc.) in sterile container.</p> <p>Instructions: Refrigerate 2-8°C until transport. Specimens received >7 days from collection are unacceptable for testing.</p> <p>Expected Value: No <i>Legionella pneumophila</i> types 1-6 detected</p>	Microbiology/ Bacteriology	No
LIQUID SCINTILLATION COUNTING	<p>Description: Measurements of particulate radiation using LSC</p> <p>Sample: Surface and/or groundwater samples, dissolvable wipes, various food matrices</p> <p>Instructions: Seawaters must be distilled before taking the 8 ml aliquot.</p> <p>Expected Value: 0 – 15 Bq/L (Tritium in water)</p>	Radiochemistry	No
MEASLES (Rubeola) IgG	<p>Description: Detection of Measles IgG antibody by ELISA</p> <p>Specimen: 1-2 ml serum</p> <p>Instructions: Specimens should be refrigerated at 2-8°C and transported to the laboratory within 2 days of collection. If storage time exceeds 2 days, freeze serum at -20°C or below.</p> <p>Expected Value: Positive for Measles IgG antibody</p>	Diagnostic Immunology/ General Immunology	Yes



NH Public Health Laboratories (NH PHL) Test Menu
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NH PHL TEST MENU 2020

TEST	DESCRIPTION	Specialty/ Subspecialty	COLLECTION KIT?
MEASLES (Rubeola) IgM	<p>Description: Detection of Measles IgM antibody by ELISA</p> <p>Specimen: 1-2 ml serum</p> <p>Instructions: Collect specimen as soon as possible after onset of symptoms. Refrigerate at 2-8°C for up to 7 days. If storage time exceeds 7 days, freeze serum at -20°C or below.</p> <p>Expected Value: Negative for Measles IgM antibody</p>	Diagnostic Immunology/ General Immunology	Yes
MEASLES RT-PCR	<p>Description: Detection of Measles virus by real time RT-PCR</p> <p>Specimen: Throat swab in viral transport medium</p> <p>Instructions: Refrigerate at 2-8°C until transport and transport to the laboratory within 3 days of collection.</p> <p>Expected Value: Measles virus not detected</p>	Microbiology/ Virology	Yes
MUMPS IgG	<p>Description: Detection of Mumps IgG antibody by ELISA</p> <p>Specimen: 1-2 ml serum</p> <p>Instructions: Specimens may be refrigerated at 2-8°C for up to 2 days. For longer storage, freeze at -20°C or below. Paired sera are required to confirm acute infection. Collect acute specimen as soon as possible after onset of symptoms but not later than seven days after onset. The convalescent specimen should be collected 14-21 days after the acute serum.</p> <p>Expected Value: Positive for Mumps IgG antibody</p>	Diagnostic Immunology/ General Immunology	Yes
MUMPS RT-PCR	<p>Description: Detection of Mumps virus by real time RT-PCR</p> <p>Specimen: Buccal swab in viral transport medium</p> <p>Instructions: Refrigerate at 2-8°C and transport to the laboratory within 3 days of collection.</p> <p>Expected Value: Mumps virus not detected</p>	Microbiology/ Virology	Yes
NERVE AGENT METABOLITES	<p>Description: Detection of Organophosphate Nerve Agent Metabolites by Liquid Chromatography-Mass Spectrometry-Mass Spectrometry. Call the NH PHL prior to specimen collection and for further information 603-271-4661.</p> <p>Specimen: Urine: 5 mL <i>or</i> Serum: 1.5 mL</p> <p>Instructions: Specimens must be stored at -70 ± 5°C. Transport to the laboratory using Dry Ice.</p> <p>Expected Value: No nerve agent metabolites detected</p>	Chemistry/ Toxicology	No
NOROVIRUS RT-PCR	<p>Description: Detection of Norovirus by RT-PCR</p> <p>Specimen: Stool specimen in sterile container</p> <p>Instructions: Refrigerate at 2-8°C until transport</p> <p>Expected Value: Norovirus not detected</p>	Microbiology/ Virology	No



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TEST	DESCRIPTION	Specialty/ Subspecialty	COLLECTION KIT?
PERTUSSIS CULTURE	<p>Description: Selective culture on Regan-Lowe (RL) media for <i>Bordetella pertussis</i> and <i>Bordetella parapertussis</i></p> <p>Specimen: One nasopharyngeal calgiswab in Regan-Lowe transport for culture. Throat swabs are unacceptable.</p> <p>Instructions: Transport at ambient conditions. If transported within 24 hrs. store RL at room temp (20–25°C). If transported within 48–72 hrs., incubate at 34–37°C until shipment. If incubator is unavailable, refrigerate until shipment. Specimens received >7 days from collection are unacceptable for testing</p> <p>Expected Value: No Bordetellae found by culture</p>	Microbiology/ Bacteriology	Yes
PERTUSSIS PCR	<p>Description: Polymerase chain reaction for <i>Bordetella pertussis</i>, <i>Bordetella parapertussis</i>, and <i>Bordetella holmesii</i></p> <p>Specimen: One nasopharyngeal polyester (DACRON) swabs for PCR in plain sterile plastic tube. Throat swabs are unacceptable.</p> <p>Instructions: Refrigerate PCR tubes with swabs until shipment. Transport at ambient conditions. Specimens received >7 days from collection are unacceptable for testing</p> <p>Expected Value: No Bordetellae found by PCR</p>	Microbiology/ Bacteriology	Yes
RABIES	<p>Description: Detection of Rabies virus by Direct Fluorescent Antibody Test</p> <p>Specimen: Head only of wild and domestic mammals. Exception: whole bats are acceptable and needed for speciation.</p> <p>Instructions: Call 603-271-4496 for testing approval. See complete instructions here: https://www.dhhs.nh.gov/dphs/lab/documents/rabiesrequisition.pdf</p> <p>Expected Value: Negative for Rabies by DFA</p>	Microbiology/ Rabies	No
RESPIRATORY PANEL	<p>Description: Multiplex amplified assay that detects 19 different respiratory pathogens (Adenovirus, Coronavirus 229E, Coronavirus HKU1, Coronavirus NL63, Coronavirus OC43, Human Metapneumovirus, Influenza A, Influenza A subtype H1, Influenza A subtype H3, Influenza A subtype H1-2009, Influenza B, Parainfluenza Virus 1, Parainfluenza Virus 2, Parainfluenza Virus 3, Parainfluenza Virus 4, Human Rhinovirus/Enterovirus, Respiratory Syncytial Virus, <i>Bordetella pertussis</i>, <i>Chlamydophila pneumoniae</i>, and <i>Mycoplasma pneumoniae</i>).</p> <p>Specimen: Nasopharyngeal Swab in Viral Transport Medium (VTM) Swabs placed in VTM immediately after collection. If storage is required, specimens in VTM can be held at room temperature (18–30°C) for up to 4 hours, or at refrigerator temperature (2–8°C) for up to 3 days.</p> <p>Instructions: Transport to laboratory as soon as possible after collection in order to ensure testing within 3 days of collection</p> <p>Expected Value: None Detected</p>	Microbiology/ Virology	Yes
RPR (ROUTINE), QUALITATIVE	<p>Description: The Rapid Plasma Reagin (RPR) Card Test is a nontreponemal, macroflocculation test for syphilis used qualitatively for screening. All reactive RPR's are titered to an endpoint (see RPR, quantitative) Note: Patients should not have eaten for one hour prior to collection.</p> <p>Specimen: 1 ml serum</p> <p>Instructions: Refrigerate specimens at 2–8°C and transport to the laboratory within 5 days of collection. Note: Avoid hemolysis, which may interfere with the test.</p> <p>Expected Value: Nonreactive</p>	Diagnostic Immunology/ Syphilis Serology	Yes



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TEST	DESCRIPTION	Specialty/ Subspecialty	COLLECTION KIT?
RPR, QUANTITATIVE	<p>Description: The Rapid Plasma Reagin (RPR) Card Test is a nontreponemal, macroflocculation test for syphilis quantitatively to monitor treatment response to the disease. All reactive RPR's are titered to an endpoint. An endpoint titer is determined by performing the RPR test (see above) on a series of serum dilutions.</p> <p>Specimen: 1 ml serum</p> <p>Instructions: Refrigerate specimens at 2-8°C and transport to the laboratory within 5 days of collection.</p> <p>Expected Value: <1:16 or Endpoint dilution</p>	Diagnostic Immunology/ Syphilis Serology	Yes
RUBELLA IgG	<p>Description: Detection of Rubella IgG antibody by ELISA</p> <p>Specimen: 1-2 ml serum</p> <p>Instructions: Specimen may be refrigerated at 2-8°C and transported to the laboratory within 2 days of collection.</p> <p>Expected Value: Positive for Rubella IgG antibody</p>	Diagnostic Immunology/ General Immunology	Yes
RUBEOLA	See Measles	Diagnostic Immunology/ General Immunology	Yes
SEROGROUPING	<p>Description: Latex or antisera "somatic grouping" of isolates. Species available: <i>Neisseria meningitidis</i>, <i>Haemophilus influenzae</i>, Beta hemolytic Streptococci, Shigella, <i>Vibrio cholerae</i></p> <p>Specimen: Pure isolate in supportive environment/media</p> <p>Instructions: Transport at ambient conditions. Tubed media must be used for transport by common carrier</p> <p>Expected Value: Genus, species and serogroup of organism</p>	Microbiology/ Bacteriology	No
SHIGA-LIKE TOXINS (SLT)	<p>Description: EIA test to detect SLT-I&II; see Hemorrhagic <i>E.coli</i> Screen/Confirmation.</p> <p>Specimen: Stool in fecal transport (Cary-Blair or equivalent), stool in MAC or GN broth or an <i>Escherichia coli</i> isolate. Transport stool in fecal transport at ambient conditions; must receive within 3 days of collection. Stool in broth must be received within 7 days.</p> <p>Instructions: Refrigerate if delay in transport >24 hours.</p> <p>Expected Value: Negative for Shiga-like toxins</p>	Microbiology/ Bacteriology	No
SMEAR (DIRECT)	<p>Description: Stained smear appropriate for organism sought (e.g., gram stain, Calcofluor White/KOH, Acid Fast, Modified Acid Fast, Loeffler Methylene Blue, etc.)</p> <p>Specimen: Prepared smears (preferably 2 smears) for staining</p> <p>Instructions: Transport at ambient conditions in slide holder. Specify organism/stain desired</p> <p>Expected Value: Absence or presence of microorganism(s) requested</p>	Gram Stain- Microbiology/ Bacteriology; CW/KOH- Microbiology/ Mycology; AFB Smear- Microbiology/ Mycobacteriology	No
SYPHILIS	See TP-PA; RPR - Qualitative; VDRL - Quantitative	Diagnostic Immunology/ Syphilis Serology	Yes



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TEST	DESCRIPTION	Specialty/ Subspecialty	COLLECTION KIT?
TB - Acid-Fast Bacillus (AFB) CULTURE, and IDENTIFICATION	<p>Description: Detection and identification of <i>Mycobacterium</i> species</p> <p>Specimen: Respiratory: Sputum – 5 ml coughed or induced Bronchial wash – 5 ml</p> <p>Tissue: Skin scrapings, biopsy, necropsy; Swabs are discouraged</p> <p>Body fluids: Blood - 5 ml SPS tube only (yellow cap) CSF - 2 ml minimum Urine - 10 - 50 ml first AM void Gastric lavage - 5 - 10 ml immediately neutralized with 100 mg of sodium carbonate Other fluids - 5 ml minimum</p> <p>Instructions: Refrigerate until transport. Transport at ambient conditions.</p> <p>Expected Value: No <i>Mycobacterium</i> species detected or isolated</p>	Microbiology/ Mycobacteriology	Yes
TB – Acid-Fast Bacillus (AFB) SMEAR only*	<p>Description: Stain for Acid-Fast Bacillus - for screening purposes only</p> <p>Specimen: Respiratory: Sputum – 5 ml coughed or induced Bronchial wash – 5 ml</p> <p>Tissue: Skin scrapings, biopsy, necropsy; Swabs are discouraged</p> <p>Body fluids: Blood - 5 ml SPS tube only (yellow cap) CSF - 2 ml minimum Urine - 10 - 50 ml first AM void Gastric lavage - 5 - 10 ml immediately neutralized with 100 mg of sodium carbonate Other fluids - 5 ml minimum</p> <p>Instructions: Refrigerate until transport. Transport at ambient conditions.</p> <p>Expected Value: No AFB seen *NH PHL does not recommend the diagnosis of Mycobacteria on “smear only” results. Cultures are recommended for recovery of the microorganism.</p>	Microbiology/ Mycobacteriology	Yes
TB – ISOLATE MYCOBACTERIA IDENTIFICATION	<p>Description: Identification of Mycobacteria using biochemicals and/or DNA probes</p> <p>Specimen: Mycobacterium isolate on Lowenstein-Jensen (L-J) media</p> <p>Instructions: Transport at ambient conditions</p> <p>Expected Value: Identification of organism</p>	Microbiology/ Mycobacteriology	No
TB - MYCOBACTERIUM TUBERCULOSIS MTB/RIF NAAT	<p>Description: Detection of <i>M. tuberculosis</i> complex DNA and rifampin resistance</p> <p>Specimen: Non-bloody respiratory specimen in sterile container</p> <p>Instructions: Refrigerate at 2–8°C until transport</p> <p>Expected Value: <i>Mycobacterium tuberculosis</i> complex DNA Not Detected and rifampin resistance Not Applicable</p>	Microbiology/ Mycobacteriology	No
TETRAMINE	<p>Description: Analysis of Tetramine (tetramethylene disulfotetramine) by Gas Chromatography-Mass Spectrometry (GC-MS). Call the NH PHL prior to specimen collection and for further information 603-271-4661.</p> <p>Specimen: Urine: 5 mL</p> <p>Instructions: Samples must be stored at –20 ± 5°C. Specimens should be transported to laboratory using Dry Ice.</p> <p>Expected Value: No Tetramine detected.</p>	Chemistry/ Toxicology	No



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TEST	DESCRIPTION	Specialty/ Subspecialty	COLLECTION KIT?																
TOXIC METALS, URINE – Arsenic Barium Beryllium Cadmium Lead Thallium Uranium	<p>Description: Detection of Trace metals in Urine using Inductively Coupled Plasma Mass Spectrometry (ICP-MS). Call the NH PHL prior to specimen collection and for further information 603-271-4661.</p> <p>Specimen: Urine: 5 mL</p> <p>Instructions: Refrigerate at 2-8°C until transport. Specimens should be transported to laboratory using cold packs.</p> <p>Expected Value: Reference range values are from the NHANES Fourth National Report.</p> <table border="1"> <thead> <tr> <th>Analyte (units)</th> <th>95th percentile</th> </tr> </thead> <tbody> <tr> <td>As (µg/L)</td> <td>85.6</td> </tr> <tr> <td>Ba (µg/L)</td> <td>6.78</td> </tr> <tr> <td>Be (µg/L)</td> <td>≤ 0.072</td> </tr> <tr> <td>Cd (µg/L)</td> <td>1.03</td> </tr> <tr> <td>Pb (µg/L)</td> <td>1.65</td> </tr> <tr> <td>Tl (µg/L)</td> <td>0.410</td> </tr> <tr> <td>U (µg/L)</td> <td>0.036</td> </tr> </tbody> </table>	Analyte (units)	95 th percentile	As (µg/L)	85.6	Ba (µg/L)	6.78	Be (µg/L)	≤ 0.072	Cd (µg/L)	1.03	Pb (µg/L)	1.65	Tl (µg/L)	0.410	U (µg/L)	0.036	Chemistry/ Toxicology	No
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TP-PA (SYPHILIS)	<p>Description: <i>Treponema pallidum</i> passive particle agglutination to detect the presence of antibody to <i>T. pallidum</i> in serum. This test is reserved primarily for confirming reactive nontreponemal tests</p> <p>Specimen: 1 ml serum or plasma</p> <p>Instructions: Specimens may be refrigerated at 2-8°C and transported to the laboratory within 5 days of collection. For longer storage, freeze at -20°C or below. Plasma specimens must be tested within 48 hours of collection. Note: Hemolysis may interfere with the test.</p> <p>Expected value: Nonreactive</p>	Diagnostic Immunology/ Syphilis Serology	Yes																
VARICELLA IgG	<p>Description: Detection of Varicella IgG antibody by ELISA</p> <p>Specimen: 1-2 ml serum</p> <p>Instructions: Specimen may be refrigerated at 2-8°C and transported to the laboratory within 2 days of collection. For longer storage, freeze at -20°C or below. To confirm acute infection, acute serum should be collected as soon as possible after onset of symptoms; convalescent serum 14-21 days after collection of acute serum</p> <p>Expected Value: Positive for Varicella IgG antibody</p>	Diagnostic Immunology/ General Immunology	Yes																
VDRL	<p>Description: Venereal Disease Research Laboratory slide test-qualitative and quantitative. The VDRL slide test is a nontreponemal, microflocculation test for syphilis used for screening and observing response to treatment. All reactive VDRL's are titered to an endpoint. The NH PHL performs the VDRL slide test on CSF only.</p> <p>Specimen: 1 ml aseptically collected CSF</p> <p>Instructions: Refrigerate specimen at 2-8°C and transport to the laboratory within 5 days of collection. Do not freeze or add preservative.</p> <p>Expected Value: Nonreactive</p>	Diagnostic Immunology/ Syphilis Serology	Yes																



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TEST	DESCRIPTION	Specialty/ Subspecialty	COLLECTION KIT?																						
VIBRIO SCREEN	<p>Description: Fecal specimen screened for Vibrio species.</p> <p>Specimen: Fecal specimen in fecal transport (Cary Blair or equivalent).</p> <p>Instructions: Transport at ambient conditions. Must be received within 3 days of collection. Refrigerate if delay in transport >24 hours.</p> <p>Expected Value: No Vibrio isolated</p>	Microbiology/ Bacteriology	Yes																						
VIRAL CULTURE - Enterovirus Herpes Mumps Respiratory Varicella-Zoster Other	<p>Description: Isolation and identification of viruses from clinical specimens. Please specify virus suspected</p> <p>Specimen: Nasopharyngeal, throat, cervical, urethral, rectal, wound/lesion/ulcer swab - in viral transport medium CSF: Minimum 0.5 ml in sterile tube Stool: Pea-sized sample in viral transport medium Urine: 1-3 ml</p> <p>Instructions: Refrigerate at 2-8°C until transport. Specimens should be transported to laboratory within 24 hours of collection using cold packs. Cotton or Dacron tipped swabs (DO NOT use swabs with calcium alginate or wood shafts)</p> <p>Expected Value: No viruses isolated in culture</p>	Microbiology/ Virology	Yes																						
VIRAL RESPIRATORY PANEL - CULTURE	<p>Description: Identification of Influenza A; Influenza B; Parainfluenza 1, 2, & 3; Respiratory Syncytial Virus (RSV); and Adenovirus</p> <p>Specimen: Nasopharyngeal or throat swab - place in 1-2 ml viral transport media Throat wash - place in 3-5 ml sterile saline Nasal wash - place in 2-3 ml sterile saline Nasopharyngeal wash - 3-7 ml Nasopharyngeal aspirate - 0.2 - 0.8 ml</p> <p>Instructions: Specimens must be transported to laboratory within 24 hours of collection using cold packs. Cotton or Dacron tipped swabs (DO NOT use swabs with calcium alginate or wood shafts)</p> <p>Expected Value: No evidence of Influenza A, B; Parainfluenza 1, 2, 3; RSV; or Adenovirus in culture</p>	Microbiology/ Virology	Yes																						
VOLATILE ORGANIC COMPOUNDS - Chloroform 1,2-Dichloroethane Benzene Carbon Tetrachloride Toluene Tetrachloroethylene Ethylbenzene M- & P- Xylenes Styrene O-Xylene	<p>Description: Analysis of Volatile Organic Chemicals (VOCs) by Gas Chromatography-Mass Spectrometry (GC-MS) using Solid Phase MicroExtraction (SPME). Call the NH PHL prior to specimen collection and for further information 603-271-4661.</p> <p>Specimen: Blood, 10 mL, Collect in gray-top vacutainers containing potassium oxalate and sodium fluoride.</p> <p>Instructions: Refrigerate at 4-10°C until transport. Specimens should be transported to laboratory using cold packs.</p> <p>Expected Value: Reference range values are from the NHANES Fourth National Report.</p> <table border="1"> <thead> <tr> <th>Analyte</th> <th>95th Percentile</th> </tr> </thead> <tbody> <tr> <td>Chloroform</td> <td>54 pg/ml</td> </tr> <tr> <td>1,2-dichloroethane</td> <td><LOD (0.01 ng/ml)</td> </tr> <tr> <td>Benzene</td> <td>0.310 ng/ml</td> </tr> <tr> <td>Carbon Tetrachloride</td> <td><LOD (0.005 ng/ml)</td> </tr> <tr> <td>Toluene</td> <td>0.814 ng/ml</td> </tr> <tr> <td>Tetrachloroethylene</td> <td>0.126 ng/ml</td> </tr> <tr> <td>Ethylbenzene</td> <td>0.140 ng/ml</td> </tr> <tr> <td>m- & p- xylenes</td> <td>0.410 ng/ml</td> </tr> <tr> <td>Styrene</td> <td>0.135 ng/ml</td> </tr> <tr> <td>o-Xylene</td> <td>0.110 ng/ml</td> </tr> </tbody> </table>	Analyte	95th Percentile	Chloroform	54 pg/ml	1,2-dichloroethane	<LOD (0.01 ng/ml)	Benzene	0.310 ng/ml	Carbon Tetrachloride	<LOD (0.005 ng/ml)	Toluene	0.814 ng/ml	Tetrachloroethylene	0.126 ng/ml	Ethylbenzene	0.140 ng/ml	m- & p- xylenes	0.410 ng/ml	Styrene	0.135 ng/ml	o-Xylene	0.110 ng/ml	Chemistry/ Toxicology	No
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VZV	See Varicella IgG	Diagnostic Immunology/ General Immunology	Yes
WATER ANALYSIS	For Homeowner, Private or Public analytical testing follow the link below for more information on testing requirements, guidelines and to order test kits. https://www.dhhs.nh.gov/dphs/lab/water-lab/index.htm	Water Analysis/ Chemistry/ Microbiology	Yes
WEST NILE VIRUS (WNV)	See Arbovirus Serology Panel	Diagnostic Immunology/ General Immunology	Yes
YERSINIA SCREEN	Description: Fecal specimen screened for Yersinia species. Specimen: Fecal specimen in fecal transport (Cary Blair or equivalent). Instructions: Transport at ambient conditions. Must receive within 3 days of collection. Refrigerate if delay in transport >24 hours. Expected Value: No Yersinia isolated	Microbiology/ Bacteriology	Yes
ZIKA TRIOPLEX	Description: Detection of Zika, Chikungunya and Dengue viruses by Trioplex PCR for investigational purposes only. Call 603-271-4496 for test approval. Specimen: For Zika, Chikungunya and Dengue testing: <ul style="list-style-type: none"> • Serum • Whole blood (EDTA) • Cerebrospinal fluid <u>For Zika testing only:</u> <ul style="list-style-type: none"> • Urine • Amniotic fluid Serum is the preferred diagnostic specimen. Whole blood (EDTA), CSF, urine and amniotic fluid may only be tested alongside a patient-matched serum specimen. Instructions: Store & ship at refrigerator temperature. Testing is recommended within one week of sample collection. Expected Value: Zika, Chikungunya and/or Dengue virus not detected by PCR	Microbiology/ Virology	No

NOTES:



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SAMPLE OR SPECIMEN KIT ORDER INFORMATION:

- To order diagnostic or clinical specimen collection kits call 603-271-4605 or email: PHLclinicalKitOrders@dhhs.nh.gov
- To order Water Sample Analysis Kits go to: <https://www.dhhs.nh.gov/dphs/lab/water-lab/water-test-forms.htm>

Contact Information:

- For more information call the NH Public Health Laboratories at 603-271-4661
- General Fax number: 603-271-2138
- For specimen collection instructions and test requisitions for clinical testing, please refer to our website at:
<http://www.dhhs.nh.gov/dphs/lab/labrequisitions.htm>

TESTING CHANGES

- 2018 –
 - Discontinued test: Single Blood Mercury
 - New tests added: Carbapenem Resistant Enterobacteriaceae (CRE) Screening Test
- 2019 –
 - Discontinued tests:
 - Mycology – Cryptococcal Antigen, Fungal Culture, Fungal Identification, Yeast/Fungal Isolate Identification – January
 - Zika IgM – September
 - CT/NG SDA testing – December
 - Chlamydia Culture – December
 - New tests added:
 - CT/NG GeneXpert testing – December
- 2020
 - Discontinued tests:
 - CRE Screening - February
 - New test added:
 - COVID-19 (Coronavirus – novel 2019) - March