

GPHL TEST NAME	ORDER CODE	DESCRIPTION	SPECIMEN REQUIREMENTS	TEST METHOD	NORMAL VALUE	TURN AROUND TIME	CONTACT INFORMATION	CPT CODE
Abrine Ricinine (ABRC)	CT031300	Abrine and Ricinine in urine	<u>Specimen:</u> Urine <u>Container:</u> Urine container <u>Collection:</u> Collect 25-60mL of urine, freeze at -20°C or lower. <u>Transport:</u> Frozen (-20°C) using dry ice	LC-MS/MS	Not detected	1-3 business days	Chemical Threat 404-321-2259 For after hours call 866-PUB-HLTH	82542
Acanthamoeba-PCR Balamuthia-PCR Naegleria-PCR	2150	DNA extraction and amplification by PCR	<u>Specimen:</u> CSF; pond or pool water <u>Container:</u> Clean vial for CSF; Clean 2-liter container <u>Collection:</u> Add CSF to vial; For pond and pool water fill up 2 liter container <u>Transport:</u> Room temperature	Real-time PCR	No Parasites Found	1-2 Days	Parasitology 404-327-7963	87797
Arbo Virus IgG	1595	Detection of Arbo-virus IgG antibody to determine immune status	<u>Specimen:</u> Serum <u>Container:</u> Serum Separator Tube (SST), or Red Top <u>Collection:</u> 4-6ml Red Top spin down, SST centrifuge and transfer serum to a transfer tube <u>Transport:</u> Overnight at room-temperature; Over 24 hours cold (2°-8°C)	IFA- CE EE SLE WE	Negative	7-14 days	Immunology 404-327-7970	86651 86652 86653 86654
Arbo Virus IgM	1600	Detection of Arbo-virus IgM antibody to determine active and/or past infection	<u>Specimen:</u> Serum <u>Container:</u> Serum Separator Tube (SST), or Red Top <u>Collection:</u> 4-6ml Red Top spin down, SST centrifuge and transfer serum to a transfer tube <u>Transport:</u> Overnight at room-temperature; Over 24 hours cold (2°-8°C)	IFA- CE EE SLE WE	Negative	7-14 days	Immunology 404-327-7970	86651 86652 86653 86654
Blood lead	W4050	Measurement of lead in whole blood	<u>Specimen:</u> Whole blood (capillary or venous) <u>Container:</u> Microtainer (K2) EDTA tubes (purple top) for capillary specimens. Vacutainer (K2) EDTA tubes (purple top) for venous specimens <u>Collection:</u> Capillary specimen – A minimal amount of 250ul. Mix specimen thoroughly after collection. Venous specimen – A minimal amount of 3ml. Mix specimen thoroughly after collection <u>Transport:</u> Room Temperature	Atomic Absorption Spectrometry	<10µg/dl	3 days	Waycross 912-338-7050	83655

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<i>Bordetella spp.</i>	414000	Detection of <i>Bordetella pertussis</i> , <i>B. parapertussis</i> and <i>B. holmesii</i> by Real-time PCR	<u>Specimen:</u> Polyester, rayon or nylon flocked nasopharyngeal swab, nasopharyngeal aspirates, and cultures exhibiting colony morphology and bio-chemical testing consistent with <i>Bordetella spp.</i> <u>Container:</u> Sterile container stored at 4°C or culture isolates <u>Collection:</u> Whenever possible, specimens should be collected prior to administration of antimicrobial agents. <u>Transport:</u> Cold (2°-8°C)	Real-time PCR	<i>Bordetella pertussis</i> , <i>B. parapertussis</i> or <i>B. holmesii</i> DNA not detected by real-time PCR	1-3 business days	Molecular Biology 404-327-7900 For after hours call 866-PUB-HLTH	87798
BT agent rule-out	BTC01005 BTC02005 BTC03005 BTC04005 BTC06005	Detection of <i>Bacillus anthracis</i> , <i>Brucella spp.</i> , <i>Burkholderia mallei/pseudomallei</i> , <i>Francisella tularensis</i> and <i>Yersinia pestis</i> by Real-time PCR	<u>Specimen:</u> Cultures exhibiting colony morphology and bio-chemical testing consistent with a BT agent. <u>Container:</u> Culture with isolated colonies in BAP agar, CHOC agar or TSA slant <u>Collection:</u> Isolate obtained from body fluids or tissue consistent with a BT agent <u>Transport:</u> Room temperature	Real-time PCR	DNA not detected by real-time PCR	1-2 business day	Molecular Biology 404-327-7900 For after hours call 866-PUB-HLTH	87798
Cadmium Mercury, and Lead	CT021500	Total cadmium, mercury, and lead in whole blood	<u>Specimen:</u> Whole blood <u>Container:</u> Polyethylene vials and vacutainers containing EDTA <u>Collection:</u> Collect at least 3mL of whole blood and store cold (2°- 8°C) <u>Transport:</u> Cold (2°- 8°C)	ICPMS	Not detected	1-3 business days	Chemical Threat 404-321-2259 For after hours call 866-PUB-HLTH	82300 83825 83655
Campylobacter (enteric isolate ID)	1100	Identification of <i>Campylobacter sp.</i> by conventional Biochemicals and/or PCR	<u>Specimen:</u> Pure isolate <u>Container:</u> Commercially available slant transport media <u>Collection:</u> Single colony aseptically subbed to a slant transport media <u>Transport:</u> Room temperature for up to 3 days	Biochemicals/PCR	N/A	10 days	Bacteriology 404-327-7997	87077

GPL TEST NAME	ORDER CODE	DESCRIPTION	SPECIMEN REQUIREMENTS	TEST METHOD	NORMAL VALUE	TURN AROUND TIME	CONTACT INFORMATION	CPT CODE
CDC send out (C. botulinum or Other Special Requests)	1135	Specimens and isolates will be forwarded to CDC for isolation, confirmation, and/or toxin testing	<u>Specimen:</u> Food, feces, wound, or pure isolate <u>Container:</u> Sterile container (food or feces); anaerobic environment system (wound) ; chopped meat broth or motility test medium (isolate) <u>Collection:</u> Submit food or feces specimen in a sterile container, cold (2° - 8°C). Submit material from wound, cold (2° - 8°C), in an anaerobic environment system. Send suspected isolate in chopped meat broth or motility test medium (inoculate near bottom of tube) at ambient temperature <u>Transport:</u> Cold (2° - 8°C) - Food, feces or wound material; Room temperature - Pure isolate Special arrangement required CALL 404-327-7997 Epidemiology approval required CALL 404-657-2588	N/A	N/A	N/A	Bacteriology 404-327-7997	N/A
Chlamydia (CT) and Gonorrhea (GC)	W1000	Detection of <i>Chlamydia trachomatis</i> (CT) and <i>Neisseria gonorrhoeae</i> (GC) by Nucleic Acid Amplification Test (NAAT)	<u>Specimen:</u> Swab - endocervix, rectal, throat or urethra ; Urine - female and male <u>Container:</u> Aptima Unisex Swab Specimen collection Kit or Aptima Urine Specimen Collection Kit <u>Collection:</u> Follow the site specific instructions provided in the Chlamydia & Gonorrhea Nucleic Acid Amplification Test session <u>Transport:</u> Room temperature	NAAT dual test	Negative	3 days	Waycross 912-338-7050	87591 87491
Chlamydia (CT) and Gonorrhea (GC)	1060	Detection of <i>Chlamydia trachomatis</i> (CT) and <i>Neisseria gonorrhoeae</i> (GC) by Nucleic Acid Amplification Test (NAAT)	<u>Specimen:</u> Swab - endocervix, rectal, throat or urethra ; Urine - female and male <u>Container:</u> Aptima Unisex Swab Specimen collection Kit or Aptima Urine Specimen Collection Kit <u>Collection:</u> Follow the site specific instructions provided in the Chlamydia & Gonorrhea Nucleic Acid Amplification Test session <u>Transport:</u> Room temperature	NAAT dual test	Negative	3 days	Bacteriology 404-327-7997	87591 87491
CMV IgG	1545	Detection of CMV IgG antibody to determine immune status	<u>Specimen:</u> Serum <u>Container:</u> Serum Separator Tube (SST), or Red Top <u>Collection:</u> 4-6ml Red Top spin down, SST centrifuge and transfer serum to a transfer tube <u>Transport:</u> Overnight at room-temperature; Over 24 hours cold (2°-8°C)	Immunoassay	Negative	5-7days	Immunology 404-327-7970	86644

GPLL TEST NAME	ORDER CODE	DESCRIPTION	SPECIMEN REQUIREMENTS	TEST METHOD	NORMAL VALUE	TURN AROUND TIME	CONTACT INFORMATION	CPT CODE
CMV IgM	1550	Detection of CMV IgM antibody to determine active and/or past infection	<u>Specimen:</u> Serum <u>Container:</u> Serum Separator Tube (SST), or Red Top <u>Collection:</u> 4-6ml Red Top spin down, SST centrifuge and transfer serum to a transfer tube <u>Transport:</u> Overnight at room-temperature; Over 24 hours cold (2°-8°C)	Immunoassay	Negative	5-7days	Immunology 404-327-7970	86645
Cryptosporidium	2400	Microscopic examination of stained concentrated sample	<u>Specimen:</u> Stool, pool or well water <u>Container:</u> 10% formalin vial for stool; 2-liter container for water samples <u>Collection:</u> Add stool to the vial up to the "fill" line immediately after passage. Mix thoroughly. Fill 2-liter container with water <u>Transport:</u> Room Temperature	Concentration Acid fast stain	No Parasites Found	1 Day	Parasitology 404-327-7963	87015 87206
Cryptosporidium	W5010	Microscopic examination of stained concentrated sample	<u>Specimen:</u> Stool <u>Container:</u> 10% formalin vial for stool <u>Collection:</u> Add stool to the vial up to the "fill" line immediately after passage. Mix thoroughly. <u>Transport:</u> Room Temperature	Concentration Acid fast stain	No Parasites Found	1 Day	Waycross 912-338-7050	87015 87206
Cyanide	CT011100	Cyanide in blood	<u>Specimen:</u> Whole blood <u>Container:</u> Polyethylene vials and vacutainers containing EDTA <u>Collection:</u> Collect at least 3mL of whole blood and store cold (2°- 8°C) <u>Transport:</u> Cold (2°- 8°C)	GC/MSD	Not detected	1-3 business days	Chemical Threat 404-321-2259 For after hours call 866-PUB-HLTH	82600
Cyclospora	2500	Epifluorescent Microscopic examination of concentrated sample	<u>Specimen:</u> Stool <u>Container:</u> 10% formalin vial <u>Collection:</u> Add stool to the vial up to the "fill" line immediately after passage. Mix thoroughly <u>Transport:</u> Room Temperature	Concentration epi-fluorescence	No Parasites Found	1 Day	Parasitology 404-327-7963	87015 87206
Cyclospora	W5010	Microscopic examination of concentrated sample	<u>Specimen:</u> Stool <u>Container:</u> 10% formalin vial <u>Collection:</u> Add stool to the vial up to the "fill" line immediately after passage. Mix thoroughly <u>Transport:</u> Room Temperature	Concentration Acid fast stain	No Parasites Found	1 Day	Waycross 912-338-7050	87015 87206

GPLH TEST NAME	ORDER CODE	DESCRIPTION	SPECIMEN REQUIREMENTS	TEST METHOD	NORMAL VALUE	TURN AROUND TIME	CONTACT INFORMATION	CPT CODE
Cyclospora-PCR Cryptosporidium-PCR	2150	DNA extraction and amplification by PCR	<u>Specimen:</u> Stool; Pool or Well water samples <u>Container:</u> Vial with 100% alcohol or 5% potassium dichromate; Clean 2-liter container <u>Collection:</u> Add stool to vial with solution to about 1/2 the solution volume; For pool and well water fill up 2 liter container <u>Transport:</u> Room temperature	Real-time PCR	No Parasites Found	1-2 Days	Parasitology 404-327-7963	87797
Cytomegalovirus Culture	62050	Virus isolation: inoculation, observation, presumptive ID and for each isolate by CPE in tubes and shell vials. Infectious agent detection by IFA monoclonal antiserum	<u>Specimen:</u> Urine, throat swab, pericardial fluid <u>Container:</u> Viral transport media provided by GPLH <u>Collection:</u> Collect throat swab in viral transport media, urine and pericardial fluid in sterile container <u>Transport:</u> Cold (2°-8°C)	Virus culture tube/CPE Virus culture shell vial Virus culture shell vial IFA	No virus isolated and detected	3 weeks	Virology 404-327-7980	87252 87253 87254 87140
E histolytica -PCR E. dispar- PCR	2150	DNA extraction and amplification by PCR	<u>Specimen:</u> Stool; Liver abscess <u>Container:</u> Vial containing 100% ethanol or 5% potassium dichromate; or clean vial for liver abscess <u>Collection:</u> Add stool to vial to about 1/2 volume of solution. Place liver abscess in clean vial or 100% ethanol vial or leave in aspiration syringe <u>Transport:</u> Room temperature for stools; Cold (2°- 8°C) for liver abscess	Real-time PCR	No Parasites Found	1-2 Days	Parasitology 404-327-7963	87797
Enterovirus Culture	1385	Virus isolation: inoculation, observation, presumptive ID and for each isolate by CPE in tubes and shell vials. Infectious agent detection by IFA monoclonal antiserum	<u>Specimen:</u> Throat swab, feces, CSF, pericardial fluid vesicle scraping <u>Container:</u> Viral transport media provided by GPLH <u>Collection:</u> Collect throat swab in viral transport media, feces, CSF and pericardial fluid vesicle in a sterile container <u>Transport:</u> Cold (2°-8°C)	Virus culture tube/CPE Virus culture shell vial/IFA Virus culture shell vial/IFA	No virus isolated and detected	3 weeks	Virology 404-327-7980	87252 87253 87254

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Environmental/ Food (C. perfringens)	1180	Isolation of <i>Clostridium perfringens</i> by culture	<u>Specimen:</u> Suspected food based on epidemiological investigation <u>Container:</u> Sterile container <u>Collection:</u> Epidemiology or Environmental staff will collect 100 grams of the suspected food sample under sterile conditions <u>Transport:</u> Cold (2°- 8°C) Special arrangement required CALL 404-327-7997	Culture	Negative	7 days	Bacteriology 404-327-7997	N/A
Environmental/ Food (B. cereus)	1180	Isolation of <i>Bacillus cereus</i> by culture	<u>Specimen:</u> Suspected food based on epidemiological investigation <u>Container:</u> Sterile container <u>Collection:</u> Epidemiology or Environmental staff will collect 100 grams of the suspected food sample under sterile conditions <u>Transport:</u> Cold (2°- 8°C) Special arrangement required CALL 404-327-7997	Culture	Negative	7 days	Bacteriology 404-327-7997	N/A
Environmental/ Food (Campylobacter)	1180	Isolation of <i>Campylobacter sp.</i> by culture	<u>Specimen:</u> Suspected food based on epidemiological investigation <u>Container:</u> Sterile container <u>Collection:</u> Epidemiology or Environmental staff will collect 100 grams of the suspected food sample under sterile conditions <u>Transport:</u> Cold (2°- 8°C) Special arrangement required CALL 404-327-7997	Culture	Negative	7 days	Bacteriology 404-327-7997	N/A
Environmental/ Food (Listeria)	1180	Isolation of <i>Listeria monocytogenes</i> by culture	<u>Specimen:</u> Suspected food based on epidemiological investigation <u>Container:</u> Sterile container <u>Collection:</u> Epidemiology or Environmental staff will collect 100 grams of the suspected food sample under sterile conditions <u>Transport:</u> Cold (2°- 8°C) Special arrangement required CALL 404-327-7997	Culture	Negative	7 days	Bacteriology 404-327-7997	N/A
Environmental/ Food (S. aureus)	1180	Isolation of <i>Staphylococcus aureus</i> by culture	<u>Specimen:</u> Suspected food based on epidemiological investigation <u>Container:</u> Sterile container <u>Collection:</u> Epidemiology or Environmental staff will collect 100 grams of the suspected food sample under sterile conditions <u>Transport:</u> Cold (2°- 8°C) Special arrangement required CALL 404-327-7997	Culture	Negative	7 days	Bacteriology 404-327-7997	N/A

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Environmental/ Food (Salmonella)	1180	Isolation of <i>Salmonella</i> ssp. by culture	<u>Specimen:</u> Suspected food based on epidemiological investigation <u>Container:</u> Sterile container <u>Collection:</u> Epidemiology or Environmental staff will collect 100 grams of the suspected food sample under sterile conditions <u>Transport:</u> Cold (2° - 8°C) within 24 hours from collection Special arrangement required CALL 404-327-7997	Culture	Negative	7 days	Bacteriology 404-327-7997	N/A
Environmental/ Food (Shigella)	1180	Isolation of <i>Shigella</i> ssp. by culture	<u>Specimen:</u> Suspected food based on epidemiological investigation <u>Container:</u> Sterile container <u>Collection:</u> Epidemiology or Environmental staff will collect 100 grams of the suspected food sample under sterile conditions <u>Transport:</u> Cold (2° - 8°C) Special arrangement required CALL 404-327-7997	Culture	Negative	7 days	Bacteriology 404-327-7997	N/A
Environmental/ Food (STEC)	1180	Isolation of STEC by culture	<u>Specimen:</u> Suspected food based on epidemiological investigation <u>Container:</u> Sterile container <u>Collection:</u> Epidemiology or Environmental staff will collect 100 grams of the suspected food sample under sterile conditions <u>Transport:</u> Cold (2° - 8°C) Special arrangement required CALL 404-327-7997	Culture	Negative	7 days	Bacteriology 404-327-7997	N/A
Filarial Parasite	2710	Identification of microfilaria by microscopic examination of Giemsa-stained blood smear	<u>Specimen:</u> Giemsa or Wright stained thick and thin blood smears plus EDTA whole blood <u>Container:</u> EDTA (lavender top) tube <u>Collection:</u> Draw blood sample by venipuncture <u>Transport:</u> Slides in slide holder at room temperature; EDTA blood in cold (2° - 8°C)	Microscopy	No Parasites Found	1-3 Days	Parasitology 404-327-7963	87207
Gonorrhea culture	1010	Isolation of <i>Neisseria gonorrhoeae</i> (GC) by culture. When positive, identification of GC by conventional Biochemicals and DNA probe confirmation.	<u>Specimen:</u> Endocervix, urethra, throat, or rectal <u>Container:</u> Commercially available Thayer Martin or Martin Lewis Transport media <u>Collection:</u> Use a sterile polyester (dacron), rayon, or nylon-flocked swab and follow the site specific instructions provided in the Gonorrhea Culture session <u>Transport:</u> CO2 enriched atmosphere within 24 hours	Culture Biochemicals DNA probe	Negative	2 days	Bacteriology 404-327-7997	87081 87077 87590

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Group A Streptococcus	1030	Isolation of GAS from throat culture. When positive, identification of GAS by conventional Biochemicals and Serotyping	<u>Specimen:</u> Throat swab <u>Container:</u> Streptococcus outfit 560 or commercially available Amies or Stuart transport media <u>Collection:</u> Throat swab taken from the tonsil areal and/or posterior pharynx, with care taken to avoid the tongue and uvula <u>Transport:</u> Room temperature within 24 hours from collection	Culture Biochemicals Serotyping	Negative	2 days	Bacteriology 404-327-7997	87070 87077 87147
Hepatitis A	1400 1405	Present during acute phase and recovery phase Provides lifelong immunity to Hepatitis A. Present during acute phase of Hepatitis A disease	<u>Specimen:</u> Serum <u>Container:</u> Serum Separator Tube (SST), or Red Top <u>Collection:</u> 4-6ml Red Top spin down, SST centrifuge and transfer serum to a transfer tube <u>Transport:</u> Overnight at room-temperature; Over 24 hours cold (2°-8°C)	Immunoassay IgG IgM	Nonreactive	5-7days	Immunology 404-327-7970	86708 86709
Hepatitis B Prenatal	1411	Present during acute infections and persists in chronic infections	<u>Specimen:</u> Serum <u>Container:</u> Serum Separator Tube(SST), or Red Top <u>Collection:</u> 4-6ml Red Top spin down, SST centrifuge and transfer serum to a transfer tube <u>Transport:</u> Overnight at room-temperature, cold over 24 hours (2°-8°C)	Immunoassay HBsAg Neutralization Hbe Antigen	Nonreactive	3-5days Antigen positives (5-7days)	Immunology 404-327-7970	87340 87341 87350
Hepatitis B Routine Screen Panel	1410	Present during acute infections and persists in chronic infections. Determination of carrier status appears at the onset of illness and can persist indefinitely. Presence indicates seroconversion from HBV infection Can be used to monitor post vaccination	<u>Specimen:</u> Serum <u>Container:</u> Serum Separator Tube (SST), or Red Top <u>Collection:</u> 4-6ml Red Top spin down, SST centrifuge and transfer serum to a transfer tube <u>Transport:</u> Overnight at room-temperature; Over 24 hours cold (2°-8°C)	Immunoassay HBsAg Neutralization Hbe Antigen HBcAb (total) HBsAb	Nonreactive	3-5days Antigen positives (5-7days)	Immunology 404-327-7970	87340 87341 87350 86704 86706

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Hepatitis C	1480 1490	Indicates the presence of Hepatitis C Antibody to aid in the diagnosis of Hepatitis C infection. Measures the amount of hepatitis C virus in the blood	<u>Specimen:</u> Serum <u>Container:</u> Serum Separator Tube (SST) <u>Collection:</u> 4-6ml , SST centrifuge and transfer serum to a transfer tube <u>Transport:</u> Send frozen or over 24 hours cold (2°-8°C)	Immunoassay (serum antibody) RT-PCR (viral load)	Nonreactive Not detected	5-7 days 7-14 days (depends on number of specimens received)	Immunology 404-327-7970	86803 87522
Herpes Simplex Culture (HSV)	1330	Virus isolation: inoculation, observation, presumptive ID and for each isolate by centrifuged enhanced (shell vials or multi-well technique), includes ID with non-immunologic method other than CPE such as virus specific enzymatic activity (ELVIS) for HSV detection	<u>Specimen:</u> Vesicle scraping (lesion), brain biopsy <u>Container:</u> Viral transport media provided by GPLL <u>Collection:</u> Collect vesicle scraping and brain biopsy in viral transport media <u>Transport:</u> Cold (2°-8°C)	Virus culture and ELVIS	No virus isolated and detected	5-7 days	Virology 404-327-7980	87255
HIV Combo Ag/Ab EIA	13500	Qualitative detection of acute and primary infection for HIV-1/HIV-2 Ab and HIV-1 p24 Ag screens, differentiates and confirms when Combo EIA is repeatedly reactive in serum or plasma	<u>Specimen:</u> 2.5ml serum or plasma <u>Container:</u> PPT, SST or Red Top Tube <u>Collection:</u> Collect 5 ml whole blood in PPT, SST or red top tube. Centrifuge PPT or SST tube <u>Transport:</u> Cold (2°-8°C)	HIV Combo EIA HIV-1 Multispot HIV-2 Multispot HIV-1 RNA RT-PCR HIV-1 WB	Negative	2-7 days	Virology 404-327-7980	87389 87390 87391 87535 86689
HIV-1 RNA Quantitative RT-PCR	1340	Monitor HIV-1 RNA levels from HIV-1 infected patients in plasma	<u>Specimen:</u> 2.5ml plasma <u>Container:</u> PPT <u>Collection:</u> Collect 5 ml whole blood in PPT tubes. Centrifuge PPT tube <u>Transport:</u> Frozen with dry ice at -20°C	HIV-1 RNA RT-PCR (quantitative)	Negative	3 days	Virology 404-327-7980	87536

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HIV-1 Western Blot Confirmation	1360	Confirmation of HIV-1 Ab in serum, plasma and dried blood spots	<u>Specimen:</u> 2.5ml serum or plasma <u>Container:</u> PPT, SST or Red Top Tube <u>Collection:</u> Collect 5 ml whole blood in PPT, SST or red top tube. Centrifuge PPT or SST tube <u>Transport:</u> Cold (2°-8°C)	HIV-1 WB	Negative	5-7 days	Virology 404-327-7980	86689
HSV 1	1560	Detection of Herpes antibody to GP type 1 determines active and/or past infection	<u>Specimen:</u> Serum <u>Container:</u> Serum Separator Tube (SST), or Red Top <u>Collection:</u> 4-6ml Red Top spin down, SST centrifuge and transfer serum to a transfer tube <u>Transport:</u> Overnight at room-temperature, cold over 24 hours (2°-8°C)	Immunoassay	Negative	5-7days	Immunology 404-327-7970	86695
HSV 2	1565	Detection of Herpes antibody to GP type 2 determines active and/or past infection	<u>Specimen:</u> Serum <u>Container:</u> Serum Separator Tube (SST), or Red Top <u>Collection:</u> 4-6ml Red Top spin down, SST centrifuge and transfer serum to a transfer tube <u>Transport:</u> Overnight at room-temperature; Over 24 hours cold (2°-8°C)	Immunoassay	Negative	5-7days	Immunology 404-327-7970	86696
Influenza by rRT-PCR	400050	Detection of Influenza A and Influenza B virus by rRT-PCR including sub-types of Influenza A virus such as A/H3, A/H1, 2009 A/H1N1, A/5 and A/H7.	<u>Specimen:</u> Nasal swabs, nasopharyngeal swabs, nasal aspirates, nasal washes, dual nasopharyngeal/throat swabs, bronchoalveolar lavage, tracheal aspirate and bronchial wash <u>Container:</u> Nylon or dacron swabs with aluminum or plastic shaft in viral transport media. Sterile screw cap containers for bronchoalveolar lavage, tracheal aspirate, and bronchial wash <u>Collection:</u> Swabs collected in a minimum of 500ul of transport media. A minimum of 200ul of bronchoalveolar lavage, tracheal aspirate and bronchial wash in a sterile container <u>Transport:</u> Cold (2°- 8°C) within 3 days of collection. Frozen on dry ice if greater than 3 days	Reverse transcription real-time PCR	Influenza A not detected by rRT-PCR, Influenza B not detected by rRT- PCR	1-3 business days	Molecular Biology 404-327-7900 For after hours call 866-PUB-HLTH	87502 87503X3

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Influenza Culture (Flu A and B)	1375	Virus isolation: inoculation, observation, presumptive ID and for each isolate by CPE in tubes and shell vials. Infectious agent detection by IFA monoclonal antiserum	<u>Specimen:</u> Throat washing or swab, nasopharyngeal washing or swab <u>Container:</u> Viral transport media provided by GPLL <u>Collection:</u> Collect throat and nasopharyngeal specimens in viral transport media and washings in sterile container <u>Transport:</u> Cold (2°-8°C)	Flu DFA Virus culture tube/CPE Virus culture shell vial Virus culture shell vial Flu B IFA Flu A IFA Respiratory Panel IFA	No virus isolated and detected	3 weeks	Virology 404-327-7980	87804 87252 87253 87254 87275 87276 87300
Malaria Parasite	2700	Speciation of malaria parasites by microscopic examination of Giemsa-stained blood smear	<u>Specimen:</u> Giemsa or Wright stained thick and thin blood smears plus EDTA whole blood <u>Container:</u> EDTA (lavender top) tube <u>Collection:</u> Draw successive blood samples in between chills if possible <u>Transport:</u> Slides in slide holder at room temperature; EDTA blood in cold (2°- 8°C)	Microscopy	No Parasites Found	1-3 Days	Parasitology 404-327-7963	87207
Malaria Parasites - PCR	2150	DNA extraction and amplification by PCR	<u>Specimen:</u> Whole blood preferably less than 72 hrs <u>Container:</u> EDTA (Lavender top) tube <u>Collection:</u> At least 1 ml of blood by venipuncture <u>Transport:</u> Cold (2°- 8°C) (NOTE: Do not freeze)	Real-time PCR	No Parasites Found	1-2 Days	Parasitology 404-327-7963	87797
Measles	416100	Detection of Measles virus by rRT-PCR	<u>Specimen:</u> Cotton and Dacron Throat or nasopharyngeal swab in (VTM). Nasopharyngeal aspirate in a sterile container. (Urine, cataracts, lens aspirate, oral fluid, cerebrospinal fluid (CSF), dry blood spots, and tissue samples will be referred to CDC) <u>Container:</u> Viral transport media for swabs and sterile container for CSF <u>Collection:</u> Swabs only with a Dacron tip and aluminum shaft collected in a minimum of 500ul of transport media or a minimum of 200ul of CSF on a screw cap sterile container <u>Transport:</u> Cold (2°-8°C)	Reverse transcription real-time PCR	Measles virus RNA not detected by rRT-PCR	1-3 business days	Molecular Biology 404-327-7900 For after hours call 866-PUB-HLTH	87798

GPHL TEST NAME	ORDER CODE	DESCRIPTION	SPECIMEN REQUIREMENTS	TEST METHOD	NORMAL VALUE	TURN AROUND TIME	CONTACT INFORMATION	CPT CODE
Measles Culture	62040	Virus isolation: inoculation, observation, presumptive ID and for each isolate by CPE in tubes and shell vials. Infectious agent detection by IFA monoclonal antiserum	<u>Specimen:</u> Urine, throat swab, and CSF <u>Container:</u> Viral transport media provided by GPHL <u>Collection:</u> Collect throat swab in viral transport media, urine and CSF in sterile container <u>Transport:</u> Cold (2°-8°C)	Virus culture tube/CPE Virus culture shell vial/IFA Virus culture shell vial/IFA	No virus isolated and detected	3 weeks	Virology 404-327-7980	87252 87253 87254
Mercury	CT021600	Total mercury in urine	<u>Specimen:</u> Urine <u>Container:</u> Urine container <u>Collection:</u> Collect 25-60mL of urine, freeze at -20°C or lower. <u>Transport:</u> Frozen (-20°C) using dry ice	ICPMS	Not detected	1-3 business days	Chemical Threat 404-321-2259 For after hours call 866-PUB-HLTH	83825
Metabolic Toxins Panel (MTP)	CT031200	Monofloroacetate& monochloroacetate in urine	<u>Specimen:</u> Urine <u>Container:</u> Urine container <u>Collection:</u> Collect 25-60mL of urine, freeze at -20°C or lower. <u>Transport:</u> Frozen (-20°C) using dry ice	LC-MS/MS	Not detected	1-3 business days	Chemical Threat 404-321-2259 For after hours call 866-PUB-HLTH	82542
Mumps	1555	Detection of Mumps IgG antibody to determine immune status	<u>Specimen:</u> Serum <u>Container:</u> Serum Separator Tube (SST), or Red Top <u>Collection:</u> 4-6ml Red Top spin down, SST centrifuge and transfer serum to a transfer tube <u>Transport:</u> Overnight at room-temperature; Over 24 hours cold (2°-8°C)	Immunoassay	Negative	5-7days	Immunology 404-327-7970	86735
Mumps	413000	Detection of Mumps virus by rRT-PCR	<u>Specimen:</u> Oral/buccal or oropharyngeal swab or CSF <u>Container:</u> Viral transport media for swabs and sterile container for CSF <u>Collection:</u> Swabs only with a Dacron tip and aluminum shaft collected in a minimum of 500ul of transport media or a minimum of 200ul of CSF on a screw cap sterile container <u>Transport:</u> Cold (2°-8°C)	Reverse transcription real-time PCR	Mumps RNA virus not detected by rRT-PCR	1-5 business days	Molecular Biology 404-327-7900 For after hours call 866-PUB-HLTH	87798

GPLH TEST NAME	ORDER CODE	DESCRIPTION	SPECIMEN REQUIREMENTS	TEST METHOD	NORMAL VALUE	TURN AROUND TIME	CONTACT INFORMATION	CPT CODE
Mumps Culture	60000	Virus isolation: inoculation, observation, presumptive ID and for each isolate by CPE in tubes and shell vials. Infectious agent detection by IFA monoclonal	<u>Specimen:</u> Urine, throat swab, and CSF <u>Container:</u> Viral transport media provided by GPLH <u>Collection:</u> Collect throat swab in viral transport media, urine and CSF in sterile container <u>Transport:</u> Cold (2°-8°C)	Virus culture tube/CPE Virus culture shell vial/IFA Virus culture shell vial/IFA	No virus isolated and detected	3 weeks	Virology 404-327-7980	87252 87253 87254
Mycobacteria Culture with Smear	30000	Culture with Smear, Identification and Susceptibility testing	<u>Specimen:</u> Sputum, Bronchial Washings, Fluids, Tissue, Urine, Stool <u>Container:</u> Sterile <u>Collection:</u> Three morning deep cough specimens are ideal for initial diagnosis however other specimens can be submitted <u>Transport:</u> Cold (2°- 8°C), if not shipped day of collection; Ship using Category B container	Concentration Culture by broth & solid media Identification Susceptibility (initial isolate of MTB)	Smear: No Acid Fast Bacilli Seen Culture: No Mycobacteria Isolated	6-8 weeks	TB Unit 404-327-7945	87015 87206 87116 87188
Mycobacteria Identification	34000	Isolate of AFB is submitted for identification	<u>Specimen:</u> Isolate of AFB on solid or broth media after good growth has occurred <u>Container:</u> Slant, tube, or bottle <u>Collection:</u> Subculture single isolate to fresh slant/tube or transfer broth media to fresh broth and incubate prior to submission or send original specimen <u>Transport:</u> Ambient with a Category B Shipping container	HPLC	N/A	7 days	TB Unit 404-327-7945	87143
Mycobacteria Microscopic Exam Only	30100	Microscopic Exam only for AFB	<u>Specimen:</u> Sputum <u>Container:</u> Sterile <u>Collection:</u> A morning deep cough specimen is ideal <u>Transport:</u> Cold (2°- 8°C) if not shipped day of collection; Ship using Category B container	Fluorochrome Staining	No Acid Fast Bacilli Seen	1 working day	TB Unit 404-327-7945	87206
<i>Mycobacterium tuberculosis</i> Susceptibility	33950	MTB Susceptibility Level I	<u>Specimen:</u> Isolate of MTBC on solid or broth media <u>Container:</u> Slant, tube, or bottle <u>Collection:</u> Subculture single isolate to fresh slant/tube or transfer broth media to fresh broth and incubate prior to submission or send original specimen <u>Transport:</u> Ambient with Category A Shipping container	MGIT 960 broth susceptibility	N/A	14-28 days	TB Unit 404-327-7945	87188 (x3) or (x4)

GPLH TEST NAME	ORDER CODE	DESCRIPTION	SPECIMEN REQUIREMENTS	TEST METHOD	NORMAL VALUE	TURN AROUND TIME	CONTACT INFORMATION	CPT CODE
<i>Mycobacterium tuberculosis</i> PCR	30800	Polymerase Chain Reaction testing on concentrated specimen for rapid detection of MTB	<u>Specimen:</u> Sputum, BAL <u>Container:</u> Sterile <u>Collection:</u> A deep morning cough is ideal <u>Transport:</u> Cold (2°- 8°C) if not shipped day of collection; Ship using Category B container	Cepheid GeneExpert	MTB not detected Rifampin Resistance not Detected	1 working day	TB Unit 404-327-7945	87556
<i>Mycobacterium tuberculosis</i> Genotyping Referral	30750	Isolate of MTB sent for gene analysis for epidemiology	<u>Specimen:</u> Isolate of MTBC on solid or broth media <u>Container:</u> Slant, tube, or bottle <u>Collection:</u> Subculture loopful of colony to a fresh slant or tube <u>Transport:</u> Ambient with Category A Shipping container	N/A	N/A	N/A	TB Unit 404-327-7945	N/A
Newborn Screening	N/A	Newborn screen for 28 metabolic, endocrine, and hematologic disorders	<u>Specimen:</u> Dried blood spot (DBS) <u>Container:</u> Filter paper (Form 3491) <u>Collection:</u> 5 DBS circles <u>Transport:</u> Room temperature for up to 7 days	Various	Various (See NBS Website)	2-3 days	Newborn Screening 404-327-7950	N/A
Norovirus by rRT-PCR	1305	RNA extraction and amplification by rRT-PCR duplex assay for the qualitative detection of Norovirus GI and GII strains	<u>Specimen:</u> Fresh whole stool <u>Container:</u> Carrie Blair Media (Para Pak), sterile container <u>Collection:</u> Add stool to vial up to the "fill" line immediately after passage. Then mix specimen thoroughly <u>Transport:</u> Room Temperature	Reverse transcription real-time PCR	Norovirus GI or GII strain virus RNA not detected by rRT-PCR.	1-3 business days	Molecular Biology 404-327-7900 For after hours call 866-PUB-HLTH	87798
Organophosphate Nerve Agent metabolites (OPNA)	CT031100	Nerve agent metabolites in urine	<u>Specimen:</u> Urine <u>Container:</u> Urine container <u>Collection:</u> Collect 25-60mL of urine, freeze at -20°C or lower. <u>Transport:</u> Frozen (-20°C) using dry ice	LC-MS/MS	Not detected	1-3 business days	Chemical Threat 404-321-2259 For after hours call 866-PUB-HLTH	82542

GPHL TEST NAME	ORDER CODE	DESCRIPTION	SPECIMEN REQUIREMENTS	TEST METHOD	NORMAL VALUE	TURN AROUND TIME	CONTACT INFORMATION	CPT CODE
Pertussis culture	1050	Screening procedure for the isolation and identification of <i>Bordetella pertussis</i> and <i>Bordetella parapertussis</i> by culture; utilizing conventional Biochemicals and Direct Fluorescent Antibody (DFA) testing	<u>Specimen:</u> Nasopharyngeal secretions collected with a dacron, rayon, or nylon-flocked swab <u>Container:</u> Commercially available Regan Lowe transport media slant <u>Collection:</u> Pass nasopharyngeal swab gently into a nostril until the posterior nares is reached, leave swab in place for 10 seconds, remove slowly. Streak slides (frosted side up) then insert swab into the transport media <u>Transport:</u> Transport specimen at room temperature or cold (2°-8°C) within 24 hours from collection	Culture DFA Biochemicals	Negative	7-10 days	Bacteriology 404-327-7997	87081 87265 87077
Pertussis Direct Fluorescent Antibody (DFA)	1040	Screening procedure of <i>Bordetella pertussis</i> by Direct Fluorescent Antibody	<u>Specimen:</u> Slides prepared from nasopharyngeal swab <u>Container:</u> Pertussis outfit 525 <u>Collection:</u> Prepare 2 dime-sized smears on each of 2 microscope slides (one slide per nostril). Use frosted-end slides with pre-stamped circles if possible (frosted side up). Label slide holder with the patient's name or other unique identifier and date of specimen collection <u>Transport:</u> Transport slide specimens at room temperature within 24 hours from collection	DFA	Negative	1 day	Bacteriology 404-327-7997	87265
Pinworm slide	2200	Microscopic examination of pinworm slide for eggs and/or worms	<u>Specimen:</u> Scotch® Tape slide preparation of perianal region <u>Collection:</u> First thing in the morning before a bowel movement or bath per instructions provided <u>Transport:</u> ASAP to the lab at Room temperature	Microscopy	No Parasites Found	1 Day	Parasitology 404-327-7963	87172
Pinworm slide	W5030	Microscopic examination of pinworm slide for eggs and/or worms.	<u>Specimen:</u> Scotch® Tape slide preparation of perianal region <u>Collection:</u> First thing in the morning before a bowel movement or bath per instructions provided <u>Transport:</u> ASAP to the lab at Room temperature	Microscopy	No Parasites Found	1 Day	Waycross 912-338-7050	87172
Rabies	1300	Direct antigen detection by fluorescent antibody technique in animal brain parts	<u>Specimen:</u> Animal head <u>Container:</u> Rabies shipper provided by GPHL <u>Collection:</u> Remove animal head except for bats and animals with similar size. Brain material for larger animals such as cows, horses, goats <u>Transport:</u> Cold (2°-8°C)	Direct fluorescent antibody staining	No virus detected	1 day	Virology 404-327-7980	N/A

GPL TEST NAME	ORDER CODE	DESCRIPTION	SPECIMEN REQUIREMENTS	TEST METHOD	NORMAL VALUE	TURN AROUND TIME	CONTACT INFORMATION	CPT CODE
Rabies	W6000	Direct antigen detection by fluorescent antibody technique in animal brain parts.	<u>Specimen:</u> Animal head <u>Container:</u> Rabies shipper provided by GPL <u>Collection:</u> Remove animal head except for bats and animals with similar size. Brain material for larger animals such as cows, horses, goats <u>Transport:</u> Cold (2°-8°C)	Direct fluorescent antibody staining	No virus detected	1 day	Waycross 912-338-7050	N/A
Rapid Toxic Screen (RTS)	N/A	Shipped to CDC for screening for chemical agents	<u>Specimen:</u> Urine and whole blood <u>Container:</u> Urine container, purple top and green or grey top vacutainers <u>Collection:</u> Refer to CDC specimen collection guidance at http://emergency.cdc.gov/labissues/pdf/Flowchart_CT_Event_Specimen_collection_modified_May2012.pdf <u>Transport:</u> Urine- frozen (-20°C) on dry ice, blood cold (2°- 8°C)	N/A	N/A	N/A, performed at CDC	Chemical Threat 404-321-2259 For after hours call 866-PUB-HLTH	N/A
Rash Illness Panel	BTC05000	Detection of non variola orthopox virus by Real-time PCR	<u>Specimen:</u> Vesicular tissue and fluid, scabs from a crusted vesicle or Dacron swabs from unroofed vesicle <u>Container:</u> Sterile screw-capped sterile vial <u>Collection:</u> Add 2 to 4 lesions (scab) into sterile container or swab an unroofed vesicle and placed in sterile container <u>Transport:</u> Cold (2°-8°C)	Real-time PCR	Orthopox virus DNA Not detected by real-time PCR	1-3 business day	Molecular Biology 404-327-7900 For after hours call 866-PUB-HLTH	87801
Respiratory Culture (Flu A and B, Para 1, 2, and 3, respiratory syncytial virus, and adenovirus)	6100	Virus isolation: inoculation, observation, presumptive ID and for each isolate by CPE in tubes and shell vials. Infectious agent detection by IFA monoclonal antiserum	<u>Specimen:</u> Throat washing or swab, nasopharyngeal washing or swab <u>Container:</u> Viral transport media provided by GPL <u>Collection:</u> Collect throat and nasopharyngeal specimens in viral transport media and washings in sterile container <u>Transport:</u> Cold (2°-8°C)	Flu DFA Virus culture tube/CPE Virus culture shell vial Virus culture shell vial Adenovirus IFA Flu B IFA Flu A IFA Para 1 IFA Para 2 IFA Para 3 IFA RSV IFA Respiratory Panel IFA	No virus isolated and detected	3 weeks	Virology 404-327-7980	87804 87252 87253 87254 87260 87275 87276 87279 87279-59 87279-59 87280 87300

GPLL TEST NAME	ORDER CODE	DESCRIPTION	SPECIMEN REQUIREMENTS	TEST METHOD	NORMAL VALUE	TURN AROUND TIME	CONTACT INFORMATION	CPT CODE
Rotavirus	60030	Infectious agent antigen detection by enzyme immunoassay technique in feces	<u>Specimen:</u> Feces/Stool <u>Container:</u> Sterile container <u>Collection:</u> Collect feces/stool in sterile container <u>Transport:</u> Cold (2°-8°C)	Enzyme Immunoassay	No virus detected	1-2 days	Virology 404-327-7980	87425
Routine RPR	1610	RPR qualitative titer detection of non-treponemal antibodies during syphilis infection in serum	<u>Specimen:</u> Serum <u>Container:</u> Serum Separator Tube (SST), or Red Top <u>Collection:</u> 4-6ml Red Top spin down, SST centrifuge and transfer serum to a transfer tube <u>Transport:</u> Overnight at room-temperature; Over 24 hours cold (2°-8°C)	Nontreponemal Agglutination	Negative	3-5days	Immunology 404-327-7970	86592
Routine RPR	W2000	RPR qualitative titer detection of non-treponemal antibodies during syphilis infection in serum	<u>Specimen:</u> Serum <u>Container:</u> Serum Separator Tube (SST), or Red Top <u>Collection:</u> 4-6ml Red Top spin down, SST centrifuge and transfer serum to a transfer tube <u>Transport:</u> Overnight at room-temperature; Over 24 hours cold (2°-8°C)	Non- Treponemal Agglutination	Negative	3-5days	Waycross 912-338-7050	86592
RPR with confirmation	1615	RPR quantitative titer with EIA confirmation even if RPR is negative	<u>Specimen:</u> Serum <u>Container:</u> Serum Separator Tube (SST), or Red Top <u>Collection:</u> 4-6ml Red Top spin down, SST centrifuge and transfer serum to a transfer tube <u>Transport:</u> Overnight at room-temperature; Over 24 hours cold (2°-8°C)	Agglutination Immunoassay	Negative Nonreactive	3-5days 5-7 days	Immunology 404-327-7970	86592 89593
RPR with confirmation	W2000	RPR quantitative titer with EIA confirmation even if RPR is negative	<u>Specimen:</u> Serum <u>Container:</u> Serum Separator Tube (SST), or Red Top <u>Collection:</u> 4-6ml Red Top spin down, SST centrifuge and transfer serum to a transfer tube <u>Transport:</u> Overnight at room-temperature; Over 24 hours cold (2°-8°C)	Agglutination Immunoassay	Negative Nonreactive	3-5days 5-7 days	Waycross 912-338-7050	86592 86593
Rubella IgG	1510	Detection of Rubella IgG antibody to determine immune status	<u>Specimen:</u> Serum <u>Container:</u> Serum Separator Tube (SST), or Red Top <u>Collection:</u> 4-6ml Red Top spin down, SST centrifuge and transfer serum to a transfer tube <u>Transport:</u> Overnight at room-temperature, cold over 24 hours (2°-8°C)	Immunoassay	Negative	5-7days	Immunology 404-327-7970	86762

GPPL TEST NAME	ORDER CODE	DESCRIPTION	SPECIMEN REQUIREMENTS	TEST METHOD	NORMAL VALUE	TURN AROUND TIME	CONTACT INFORMATION	CPT CODE
Rubella IgM	1515	Detection of Rubella IgM antibody to determine active and/or past infection	<u>Specimen:</u> Serum <u>Container:</u> Serum Separator Tube(SST), or Red Top <u>Collection:</u> 4-6ml Red Top spin down,SST centrifuge and transfer serum to a transfer tube <u>Transport:</u> Overnight at room-temperature, cold over 24 hours (2°-8°C)	Immunoassay	Negative	5-7days	Immunology 404-327-7970	86762
Rubeola IgG	1520	Detection of Rubeola IgG antibody to determine immune status	<u>Specimen:</u> Serum <u>Container:</u> Serum Separator Tube(SST), or Red Top <u>Collection:</u> 4-6ml if tube other than a gel-barrier tube is used, transfer seperated serum to a plastic transport tube <u>Transport:</u> Overnight at room-temperature, cold over 24 hours (2°-8°C)	Immunoassay	Negative	5-7days	Immunology 404-327-7970	86765
Rubeola IgM	1525	Detection of Rubeola IgM antibody to determine active and/or past infection	<u>Specimen:</u> Serum <u>Container:</u> Serum Separator Tube (SST), or Red Top <u>Collection:</u> 4-6ml Red Top spin down, SST centrifuge and transfer serum to a transfer tube <u>Transport:</u> Overnight at room-temperature; Over 24 hours cold (2°-8°C)	Immunoassay	Negative	5-7days	Immunology 404-327-7970	86765
Salmonella (enteric isolate ID)	1110	Identification of <i>Salmonella ssp.</i> by conventional Biochemicals, Serotyping, and Pulse Field electrophoresis (PFGE) as appropriate for surveillance and outbreak investigations	<u>Specimen:</u> Pure isolate <u>Container:</u> Commercially available slant transport media <u>Collection:</u> Single colony aseptically subbed to a slant transport media <u>Transport:</u> Room temperature for up to 3 days	Biochemicals Serotyping PFGE	N/A	3-5 days	Bacteriology 404-327-7997	87077 87147 87152

GPHL TEST NAME	ORDER CODE	DESCRIPTION	SPECIMEN REQUIREMENTS	TEST METHOD	NORMAL VALUE	TURN AROUND TIME	CONTACT INFORMATION	CPT CODE
Shiga toxin producing <i>Escherichia coli</i> - STEC (enteric isolate ID)	1070	Identification of STEC by conventional Biochemicals, Serotyping, toxin detection by Enzyme Immunoassay (EIA), and Pulse Field Gel Electrophoresis (PFGE)	<u>Specimen:</u> Pure isolate <u>Container:</u> Commercially available slant transport media <u>Collection:</u> Single colony aseptically subbed to a slant transport media <u>Transport:</u> Room temperature within 24 hours	Biochemicals Serotyping EIA PFGE	N/A	4-6 days	Bacteriology 404-327-7997	87077 87147 87335 87152
Shigella (enteric isolate ID)	1080	Identification of <i>Shigella ssp.</i> by conventional Biochemicals, serotyping, Pulse Field electrophoresis (PFGE) as appropriate for surveillance	<u>Specimen:</u> Pure isolate <u>Container:</u> Commercially available slant transport media <u>Collection:</u> Single colony aseptically subbed to a slant transport media <u>Transport:</u> Room temperature for up to 3 days	Biochemicals Serotyping PFGE	N/A	3-5 days	Bacteriology 404-327-7997	87077 87147 87152
Special Bacteriology (<i>Haemophilus influenzae</i>)	1130	Identification of <i>Haemophilus influenzae</i> by conventional Biochemicals and Serotyping	<u>Specimen:</u> Pure isolate <u>Container:</u> Commercially available chocolate slant transport media <u>Collection:</u> For serotyping and/or culture confirmation, submit a fresh 18-24 hours subculture of the organism on chocolate slant transport media <u>Transport:</u> Room temperature within 24 hours	Biochemicals Serotyping	N/A	3 days	Bacteriology 404-327-7997	87077 87147
Special Bacteriology (<i>Listeria monocytogenes</i>)	1130	Identification of <i>Listeria monocytogenes</i> by conventional Biochemicals and Pulse Field electrophoresis (PFGE)	<u>Specimen:</u> Pure isolate <u>Container:</u> Commercially available slant transport media <u>Collection:</u> Single colony aseptically subbed to a slant transport media <u>Transport:</u> Room temperature within 24 hours	Biochemicals PFGE	N/A	3 days	Bacteriology 404-327-7997	87077 87152

GPL TEST NAME	ORDER CODE	DESCRIPTION	SPECIMEN REQUIREMENTS	TEST METHOD	NORMAL VALUE	TURN AROUND TIME	CONTACT INFORMATION	CPT CODE
Special Bacteriology (Neisseria meningitidis)	1130	Identification of <i>Neisseria meningitidis</i> by conventional Biochemicals and Serotyping	<u>Specimen:</u> Pure isolate <u>Container:</u> Commercially available chocolate slant transport media <u>Collection:</u> For serotyping and/or culture confirmation, submit a fresh 18-24 hours subculture of the organism on chocolate slant transport media <u>Transport:</u> Room temperature within 24 hours	Biochemicals Serotyping	N/A	3 days	Bacteriology 404-327-7997	87077 87147
Special Bacteriology (Other agents ID)	1130	Identification of pure isolate by conventional Biochemicals, Serotyping, and/or Cell Wall Fatty Acid Analysis (CWFAA)	<u>Specimen:</u> Pure isolate <u>Container:</u> Commercially available slant transport media <u>Collection:</u> Single colony aseptically subbed to a slant transport media <u>Transport:</u> Room temperature for up to 3 days	Biochemicals CWFAA Serotyping	N/A	7-15 days	Bacteriology 404-327-7997	87077 87147
Special Bacteriology (Vibrio sp.)	1130	Identification of <i>Vibrio sp.</i> by conventional Biochemicals, Serotyping, and/or Cell Wall Fatty Acid Analysis (CWFAA)	<u>Specimen:</u> Pure isolate <u>Container:</u> Commercially available slant transport media <u>Collection:</u> Single colony aseptically subbed to a slant transport media <u>Transport:</u> Room temperature for up to 24 hours	Biochemicals CWFAA Serotyping	N/A	7-15 days	Bacteriology 404-327-7997	87077 87147
Stool - Formalin feces	2100	Microscopic examination of concentrated wet mount and stained samples for parasites	<u>Specimen:</u> Three stool samples collected every other day is recommended but single sample collection is also acceptable <u>Container:</u> 10% formalin vial (Para-Pak) <u>Collection:</u> Add stool to vial up to the "fill" line immediately after passage. Mix thoroughly <u>Transport:</u> Room Temperature	Concentration/ Microscopy Acid fast stain	No Parasites Found	1-4 Days	Parasitology 404-327-7963	87177 87206
Stool - Formalin feces	W5000	Microscopic examination of concentrated wet mount and stained samples for parasites	<u>Specimen:</u> Three stool samples collected every other day is recommended but single sample collection is also acceptable <u>Container:</u> 10% formalin vial (Para-Pak) <u>Collection:</u> Add stool to vial up to the "fill" line immediately after passage. Mix thoroughly <u>Transport:</u> Room Temperature	Concentration/ Microscopy Acid fast stain	No Parasites Found	1-4 Days	Waycross 912-338-7050	87177 87206

GPHL TEST NAME	ORDER CODE	DESCRIPTION	SPECIMEN REQUIREMENTS	TEST METHOD	NORMAL VALUE	TURN AROUND TIME	CONTACT INFORMATION	CPT CODE
Stool - PVA feces	2300	Microscopic examination of Trichrome stained smear for parasites	<u>Specimen:</u> Three stool samples every other day is recommended but single sample is also acceptable <u>Container:</u> LV/PVA vial (Para-Pak) <u>Collection:</u> Add stool to the vial up to the "fill" line immediately after passage. Mix thoroughly <u>Transport:</u> Room Temperature	Trichrome-stained slide	No Parasites Found	1-4 Days	Parasitology 404-327-7963	87209
Stool - PVA feces	W5020	Microscopic examination of Trichrome stained smear for parasites	<u>Specimen:</u> Three stool samples every other day is recommended but single sample is also acceptable <u>Container:</u> LV/PVA vial (Para-Pak) <u>Collection:</u> Add stool to the vial up to the "fill" line immediately after passage. Mix thoroughly <u>Transport:</u> Room Temperature	Trichrome-stained slide	No Parasites Found	1-4 Days	Waycross 912-338-7050	87209
Stool culture - Fresh (B. cereus)	1140	Isolation of <i>Bacillus cereus</i> by culture. When positive, identification of <i>Bacillus cereus</i> by conventional Biochemicals and/or CWFAA	<u>Specimen:</u> Fresh Stool <u>Container:</u> Commercially available sterile container <u>Collection:</u> Collect fresh stool specimens within 48 hours from the time symptoms begin and place in a leak-proof, non-crushable, sterile container (not provided by GPHL). Do not use the enteric ParaPak C&S stool culture outfit <u>Transport:</u> Store and ship cold (2°- 8°C) within 24 hours from collection Special arrangement required CALL 404-327-7997	Culture Biochemicals CWFAA	Negative	4-6 days	Bacteriology 404-327-7997	87046 87077
Stool culture - Fresh (C. perfringens)	1140	Isolation of <i>Clostridium perfringens</i> by culture. When positive, identification of <i>Clostridium perfringens</i> by conventional Biochemicals and/or CWFAA	<u>Specimen:</u> Stool in sterile container <u>Container:</u> Commercially available sterile container <u>Collection:</u> Collect fresh stool specimens within 48 hours from the time symptoms begin and place in a leak-proof, non-crushable, sterile container (not provided by GPHL). Do not use the enteric ParaPak C&S stool culture outfit <u>Transport:</u> Store and ship cold (2°- 8°C) within 24 hours from collection Special arrangement required CALL 404-327-7997	Culture Biochemicals CWFAA	Negative	4-6 days	Bacteriology 404-327-7997	87046 87077

GPL TEST NAME	ORDER CODE	DESCRIPTION	SPECIMEN REQUIREMENTS	TEST METHOD	NORMAL VALUE	TURN AROUND TIME	CONTACT INFORMATION	CPT CODE
Stool culture - Preserved (Routine-Salmonella, Shigella, Campylobacter, Aeromonas, STEC, and Yersinia)	1120	Isolation of pathogen (s) by culture. When positive, identification of pathogen (s) by conventional Biochemicals, Serotyping, Pulse Field electrophoresis (PFGE) as appropriate	<u>Specimen:</u> Preserved Stool <u>Container:</u> Para-Pak C&S transport vial (Stool culture outfit 555) <u>Collection:</u> The specimen of choice is the diarrheal stool collected during the acute stage of the disease, portions containing blood or mucus usually contain the highest number of pathogens <u>Transport:</u> Room Temperature for up to 3 days	Culture EIA Biochemicals Serotyping PFGE	Negative	4-6 days	Bacteriology 404-327-7997	87045 87046 87335 87077 87147 87152
Stool culture - Preserved (S. aureus)	1120	Isolation of <i>Staphylococcus aureus</i> by culture. When positive, identification of <i>Staphylococcus aureus</i> by conventional Biochemicals and/or CWFAA	<u>Specimen:</u> Preserved Stool <u>Container:</u> Para-Pak C&S transport vial (Stool culture outfit 555) <u>Collection:</u> The specimen of choice is the diarrheal stool collected within 24 hours after onset <u>Transport:</u> Room Temperature within 24hrs from collection Special arrangement required CALL 404-327-7997	Culture Biochemicals CWFAA	Negative	4-6 days	Bacteriology 404-327-7997	87046 87077
Tetramine (TET)	CT011300	Tetramine in urine	<u>Specimen:</u> Urine <u>Container:</u> Urine container <u>Collection:</u> Collect 25-60mL of urine, freeze at -20°C or lower. <u>Transport:</u> Frozen (-20°C) using dry ice	GC/MSD	Not detected	1-3 business days	Chemical Threat 404-321-2259 For after hours call 866-PUB-HLTH	82542
Tick; Arthropod	2800	Macroscopic and microscopic identification	<u>Specimen:</u> Tick; Arthropod; Skin Scraping <u>Container:</u> Alcohol vial; Glass Slide <u>Collection:</u> Place tick or arthropod in alcohol vial. Scrape skin from multiple sites and place on glass slide with a smear of mineral oil. Cover with cover-slip <u>Transport:</u> Slide in slide holder and tick or arthropod in vial at room temperature	Macroscopy microscopy	NA	1-2 Days	Parasitology 404-327-7963	87168

GPL TEST NAME	ORDER CODE	DESCRIPTION	SPECIMEN REQUIREMENTS	TEST METHOD	NORMAL VALUE	TURN AROUND TIME	CONTACT INFORMATION	CPT CODE
Tissue Parasite	2150	Identification of tissue parasites by microscopic exam of H&E-stained tissue sections	<u>Specimen:</u> H&E-stained tissue section <u>Container:</u> Vial with alcohol; Glass Slide <u>Collection:</u> Place worm or arthropod in the alcohol vial <u>Transport:</u> Room Temperature	Microscopy	No Parasites Found	1-2 Days	Parasitology 404-327-7963	87207
TORCH PANEL	14001	Determination of IgG antibody titers for toxo, rubella, CMV, and herpes 1 and 2	<u>Specimen:</u> Serum <u>Container:</u> Serum Separator Tube (SST), or Red Top <u>Collection:</u> 4-6ml Red Top spin down, SST centrifuge and transfer serum to a transfer tube <u>Transport:</u> Overnight at room-temperature; Over 24 hours cold (2°-8°C)	Immunoassay Toxo Rubella CMV Herpes 1&2	Negative	5-7days	Immunology 404-327-7970	86777 86762 86644 86695 86696
Toxic Elements Screen (TES)	CT021700	Trace metals (Be, As, Cd, Ba, Th, Pb, U) in urine	<u>Specimen:</u> Urine <u>Container:</u> Urine container <u>Collection:</u> Collect 25-60mL of urine, freeze at -20°C or lower. <u>Transport:</u> Frozen (-20°C) using dry ice	ICPMS	Not detected	1-3 business days	Chemical Threat 404-321-2259 For after hours call 866-PUB-HLTH	83018
Toxoplasmosis IgG	1530	Detection of Toxoplasmosis IgG antibody to determine immune status	<u>Specimen:</u> Serum <u>Container:</u> Serum Separator Tube(SST), or Red Top <u>Collection:</u> 4-6ml Red Top spin down, SST centrifuge and transfer serum to a transfer tube <u>Transport:</u> Overnight at room-temperature; Over 24 hours cold (2°-8°C)	Immunoassay	Negative	5-7days	Immunology 404-327-7970	86777
Toxoplasmosis IgM	1530	Detection of Toxoplasmosis IgM antibody to determine active and/or past infection	<u>Specimen:</u> Serum <u>Container:</u> Serum Separator Tube (SST), or Red Top <u>Collection:</u> 4-6ml Red Top spin down, SST centrifuge and transfer serum to a transfer tube <u>Transport:</u> Overnight at room-temperature; Over 24 hours cold (2°-8°C)	Immunoassay	Negative	5-7days	Immunology 404-327-7970	86778
TP PA	1640	Detection of Treponemal palladium antibody by particle agglutination used to confirm Syphilis	<u>Specimen:</u> Serum <u>Container:</u> Serum Separator Tube (SST), or Red Top <u>Collection:</u> 4-6ml Red Top spin down, SST centrifuge and transfer serum to a transfer tube <u>Transport:</u> Overnight at room-temperature; Over 24 hours cold (2°-8°C)	Treponemal Particle Agglutination (IgG, IgM)	Nonreactive	5-7 days	Immunology 404-327-7970	86780

GPLH TEST NAME	ORDER CODE	DESCRIPTION	SPECIMEN REQUIREMENTS	TEST METHOD	NORMAL VALUE	TURN AROUND TIME	CONTACT INFORMATION	CPT CODE
Varicella (Herpes) Zoster Culture (VZV)	62000	Virus isolation: inoculation, observation, presumptive ID and for each isolate by CPE in tubes and shell vials. Infectious agent detection by IFA monoclonal antiserum	<u>Specimen:</u> Vesicle scraping (lesion), brain biopsy <u>Container:</u> Viral transport media provided by GPLH <u>Collection:</u> Collect vesicle scraping and brain biopsy in viral transport media <u>Transport:</u> Cold (2°-8°C)	Virus culture tube Virus culture shell vial Virus culture shell vial IFA	No virus isolated and detected	3 weeks	Virology 404-327-7980	87252 87253 87254 87140
Varicella Zoster	1540	Detection of Varicella IgG antibody to determine immune status	<u>Specimen:</u> Serum <u>Container:</u> Serum Separator Tube (SST), or Red Top <u>Collection:</u> 4-6ml Red Top spin down, SST centrifuge and transfer serum to a transfer tube <u>Transport:</u> Overnight at room-temperature; Over 24 hours cold (2°-8°C)	Immunoassay	Negative	5-7days	Immunology 404-327-7970	86787
Varicella Zoster Virus (VZV)	421000	DNA extraction and amplification by real-time PCR for the qualitative detection of Varicella Zoster Virus (VZV)	<u>Specimen:</u> Vesicular tissue and fluid, scabs from a crusted vesicle or Dacron swabs from unroofed vesicle <u>Container:</u> Sterile screw-capped sterile vial <u>Collection:</u> Add 2 to 4 lesions (scab) into sterile container or swab an unroofed vesicle and place in sterile container <u>Transport:</u> Cold (2°- 8°C)	Real-time PCR	Varicella Zoster Virus DNA not detected by real-time PCR.	1-3 business day	Molecular Biology 404-327-7900 For after hours call 866-PUB-HLTH	87798
VDRL (spinal fluid)	1630	VDRL Qualitative titer detection on non-treponemal antibodies during syphilis infection in CSF	<u>Specimen:</u> CSF <u>Container:</u> Sterile Tube <u>Collection:</u> 1-2ml <u>Transport:</u> Overnight at room-temperature; Over 24 hours cold (2°-8°C)	Non-Treponemal Agglutination	Negative	3-5days	Immunology 404-327-7970	86592

GPLH TEST NAME	ORDER CODE	DESCRIPTION	SPECIMEN REQUIREMENTS	TEST METHOD	NORMAL VALUE	TURN AROUND TIME	CONTACT INFORMATION	CPT CODE
Viral Culture (respiratory, enterovirus, mumps virus)	60040	Virus isolation: inoculation, observation, presumptive ID and for each isolate by CPE in tubes and shell vials. Infectious agent detection by IFA monoclonal antiserum	<u>Specimen:</u> Frozen isolate or infected cell culture, throat washing or swab, nasopharyngeal washing or swab, urine <u>Container:</u> Viral transport media provided by GPLH <u>Collection:</u> Collect throat and nasopharyngeal specimens in viral transport media, washings and urine in sterile container <u>Transport:</u> Cold (2°-8°C)	Flu DFA Virus culture tube/CPE Virus culture shell vial Virus culture shell vial Adenovirus IFA Flu B IFA Flu A IFA Para 1 IFA Para 2 IFA Para 3 IFA RSV IFA Respiratory Panel IFA	No virus isolated and detected	3 weeks	Virology 404-327-7980	87804 87252 87253 87254 87260 87275 87276 87279 87279-59 87279-59 87280 87300
Volatile Organic Compounds (VOC)	CT011200	Volatile organic compounds in blood	<u>Specimen:</u> Whole blood <u>Container:</u> Gray or Green top vacutainers <u>Collection:</u> Collect at least 3mL of whole blood and store cold (2°- 8°C) <u>Transport:</u> Cold (2°- 8°C)	GC/MSD	Not detected	1-3 business days	Chemical Threat 404-321-2259 For after hours call 866-PUB-HLTH	84600
WNV IgG	1580	Detection of West Nile Virus IgG antibody to determine immune status	<u>Specimen:</u> Serum <u>Container:</u> Serum Separator Tube (SST), or Red Top <u>Collection:</u> 4-6ml Red Top spin down, SST centrifuge and transfer serum to a transfer tube <u>Transport:</u> Overnight at room-temperature; Over 24 hours cold (2°-8°C)	EIA	Negative	5-7days	Immunology 404-327-7970	86789
WNV IgM	1585 1590	Detection of West Nile Virus IgM antibody to determine active and/or past infection IgM (CSF)(indicates active infection)	<u>Specimen:</u> Serum <u>Container:</u> Serum Separator Tube (SST), or Red Top <u>Collection:</u> 4-6ml Red Top spin down, SST centrifuge and transfer serum to a transfer tube <u>Transport:</u> Overnight at room-temperature; Over 24 hours cold (2°-8°C)	EIA - serum EIA - CSF	Negative	5-7days	Immunology 404-327-7970	86788 86788
Worm ID	2800	Macroscopic and microscopic identification	<u>Specimen:</u> Worm <u>Container:</u> Vial with alcohol <u>Collection:</u> Place worm in the alcohol vial <u>Transport:</u> Room Temperature	Macroscopy microscopy	N/A	1-2 Days	Parasitology 404-327-7963	87169

GPHL TEST NAME	ORDER CODE	DESCRIPTION	SPECIMEN REQUIREMENTS	TEST METHOD	NORMAL VALUE	TURN AROUND TIME	CONTACT INFORMATION	CPT CODE
Yersinia (enteric isolate ID)	1160	Identification of <i>Yersinia enterocolitica</i> by conventional Biochemicals and Serotyping	<u>Specimen:</u> Pure isolate <u>Container:</u> Commercially available slant transport media <u>Collection:</u> Single colony aseptically subbed to a slant transport media <u>Transport:</u> Room temperature for up to 3 days	Biochemicals Serotyping	N/A	3-5 days	Bacteriology 404-327-7997	87077 87147

Disclaimer: The CPT codes are provided for informational purposes only. CPT coding is the sole responsibility of the billing party.

Specimen must be accompanied by the Georgia Public Health Laboratory Submission Form #3583 located at: www.health.state.ga.us/programs/lab/index.asp