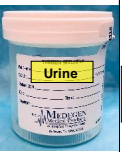













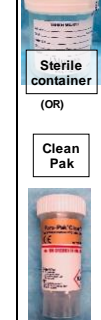
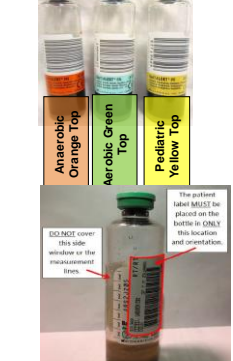


**Microbiology and Infectious Disease Testing**

Common Order Name	Urine Culture	Culture	Legionella Antigen	Streptococcus pneumoniae Antigen	Strep B & Rapid Strep A	Sputum Culture	Pertussis	Vaginitis Panel	Chlamydia trachomatis NAAT Neisseria gonorrhoea NAAT	Upper Respiratory PCR Panel	Rapid RSV &/or Flu PCR	Human Papilloma Virus (HPV)	Stool Culture	Stool O&P	C. diff	Blood Culture
<b>Cerner Order Name</b>	Urine Culture	Culture "source"	Legion Ag, U	Strep Ag, Ur	Group B Strep Culture <b>or</b> Rapid Strep A Test	Sputum Culture	Pertussis by PCR-Mayo	Vaginitis Panel	CT NAAT, NG NAAT, or CT-NG Panel NAAT	Respiratory PCR Panel	Rapid Influenza A/B PCR <b>OR</b> Rapid Influenza A/B and RSV PCR	Misc Mayo order with order comment "GOKEY HPV"	GI Pathogen PCR	Ova & Parasites Exam &/or Giardia/Cryptosporidium Antigen	C. difficile Toxin	Blood Culture
<b>Method:</b>	Culture	Culture	Culture	Culture	Culture or Immunoassay	Culture	PCR/DNA Probe Hybridization	Nucleic Acid Amplification on Hologic Panther platform	Nucleic Acid Amplification on Hologic Panther platform	BioFire® FilmArray® Torch	Real-Time Polymerase Chain Reaction (PCR)	Polymerase Chain Reaction on Roche Cobas 4800	Rapid Molecular PCR	Trichrome stain and Microscopic/FluoresceE xamination on concentrate	loop-mediated isothermal DNA amp	BacT/ALERT® 3D automated microbial detection system followed by Culture
<b>Testing Facility:</b>	RRMC	RRMC	RRMC	RRMC	RRMC	RRMC	MML	RRMC	RRMC	RRMC	RRMC	MAYO	RRMC	UVMMC	RRMC	RRMC
<b>Useful for:</b>	Detection of Urinary Tract Infection	Identifying bacteria & yeast responsible for infections. Potential pathogens are identified & sensitivities provided.	An adjunct to culture for the detection of past or current Legionnaires disease (Legionella pneumophila serogroup 1)	Rapid diagnosis of pneumococcal pneumonia	Prenatal screening for Group B Strep colonization. <b>OR</b> Rapid Group A Strep Antigen Detection.	Identifying bacteria responsible for infections. Potential pathogens are identified and sensitivities provided.	Preferred diagnostic test for the detection of Bordetella pertussis and/or Bordetella parapertussis	Detecting vaginitis due to Candida Spp., Bacterial Vaginosis, and Trichomonas (replaces GTY)	Detection of Chlamydia trachomatis & Neisseria gonorrhoea RNA in vaginal, throat, rectal, and male urethral* specimens  *Male urethral specimens are collected using <b>Aptima Unisex swab only</b> (Specimen will be rejected if invalid source or if cleaning swab or two swabs are in tube.)	Detection of (12) types of respiratory pathogens	Rapid detection of Influenza A/B and RSV in Nasopharyngeal Swabs	Detection of HPV DNA Characterizing high-risk HPV-positive specimens with respect to HPV type grouping. Serving as an adjunct to the Pap test in the identification of women who may be at increased risk for cervical intraepithelial neoplasia.	Identification of common community-acquired pathogenic enteric bacteria, viruses & toxins directly from a stool sample. <b>Lactoferrin</b> test for presence of WBC will be available if required.	Identifying parasites and/or ova in feces. Detecting Giardia/Cryptosporidium antigen in feces.	Detection of toxigenic C. diff DNA in liquid fecal specimens	Testing includes culture, identification, (additional charges/CPT codes may apply) and if culture results warrant, susceptibility testing (at additional charge) of all indicated organisms.
<b>What to collect:</b>	Clean-catch, midstream urine	White Cap ESwab or Green Cap Mini Tip ESwab	Clean-catch, midstream urine	Clean-catch, midstream urine	1-2 swabs (Starswab II) of vaginal introitus & anorectum for Group B <b>OR</b> Throat swab for Group A	Expectorated or induced sputum. Collect a deep, vigorous cough, directly into sterile container.	Nasopharyngeal swab (Rayon swab, aluminum shaft, Stuart's media)	Vaginal fluid using the <b>Aptima Multitest Swab</b> (orange swab)  Can be provider collected, or self-collected in a clinical setting	*Must define specimen collection source in order comment and on tube*  <b>Urine:</b> Collect 30-40 mL first, dirty catch urine. (Clean catch urine and catheterized urine samples are not acceptable for analysis) <b>Vaginal Swab:</b> Aptima Multitest Tube (orange tube) (Can be self-collected in clinical setting) <b>ThinPrep® Pap</b> <b>Throat:</b> Aptima Multitest Tube (orange tube) <b>Rectal:</b> Aptima Multitest Tube (orange tube) <b>Male Urethral:</b> Aptima Unisex Tube (Blue swab)	Nasopharyngeal Swab using Universal Viral Transport	Nasopharyngeal Swab using <b>Universal Viral Transport</b> for Viruses, Chlamydiae, Mycoplasmas, and Ureaplasmas	<b>Cervical or Endocervical sampling in ThinPrep Vial</b>  Required elements for order: Specimen source, and patient's LMP  (Vaginal samples are not FDA approved for HPV Primary Screening)	Submit sample in <b>Para-Pak C&amp;S vial</b> (orange top) <b>OR</b> <b>Para-Pak Clean vial</b> (white top)	Use <b>Total Fix O&amp;P transport/collection</b> kit available from Lab with black lid.	0.5mL of liquid or unforned feces in a <b>clean container</b> or Para-Pak Clean vial (White Top)	Remove plastic cap. Apply 70% alcohol to rubber stoppers. Wait 1 min. Locate vein. Scrub site with chloraprep for 30 secs. Air dry. Do NOT re-palpe the vein. Collect Blood. Adult: 1 aerobic & 1 anaerobic: 8-10 ml of blood per bottle. PEDI (up to 12 years old): 1 aerobic; 0.5-4 ml of blood. Transport/storage: Stable 24hrs at Room Temp.
<b>Specimen Stability:</b>	<b>Sterile container:</b> 24 hrs refrig. <b>Transport tube:</b> 48-72 hrs refrig.	Swab: • 24 Hrs Room Temp Preferred • Reject > 48 Hrs Room Temp	<b>Refrigerated:</b> 7 days <b>Frozen:</b> 14 days <b>Ambient:</b> 24 Hours	<b>Refrigerated:</b> 14 days <b>Frozen:</b> 14 days <b>Ambient:</b> 24 Hours	48 hours room temp	2hrs room temp or 24hrs refrigerated	7 days refrigerated	Ambient: 60 days	Aptima Multitest Swab: 60 days, ambient Urine: Refrigerated 24 hours ThinPrep®: Ambient 30 days	Return to lab within 24 hours, refrigerated <b>**for best results, send all samples to lab ASAP**</b>	72 hours refrigerated	30 days (2-30°C)	48 hours refrigerated	4 days room temp	3 days refrigerated	Bring to lab ASAP to ensure rapid detection
<b>Expected TAT:</b>	3 days	3 days	3 days	1 day	Strep B: 1-3 days Strep A: 1 hour	3 days	2-3 days	1-3 days TAT Test run Mon-Fri, 10 am - 4 pm	1-3 days TAT Test run Mon-Fri, 10 am - 4 pm	24 Hours	1 hour	3-14 days (per Mayoclinicallabs.com)	1 day	2-3 days	1 day	3-5 days
<b>Collection device: (Never use wooden shaft swabs)</b>	 Urine Culture Transport tube	 White Cap ESwab	 Urine Culture Transport Tube	 Starswab II Modified Stuarts	 Sterile container	 Green Cap aluminum shaft, rayon mini-tip BBL CultureSwab	 Vaginal Aptima Multitest Swab	 Aptima Multitest Swab (orange swab): Vaginal Rectal Throat	 ThinPrep® Pap/Preserv Cyt® Media	 Flocked Mini-swab in Universal Viral Transport Media.	 BD Universal Viral Transport for Viruses, Chlamydiae, Mycoplasmas and Ureaplasmas	 Thin Prep Kit	 Stool culture collection & transport kit	 O&P transport/collection kit	 Sterile container (OR) Clean Pak	 Anaerobic Orange Top, Aerobic Green Top, Pediatric Yellow Top