









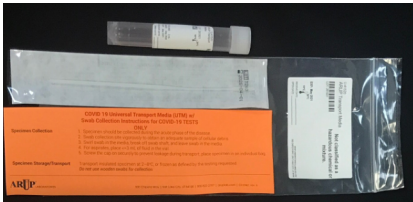
















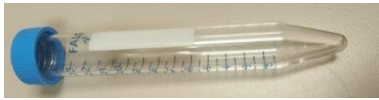
**CHI HEALTH LABORATORY
REFERENCE CHART FOR MICROBIOLOGY SPECIMEN COLLECTION**




TEST	EPIC ORDER	COLLECTION DEVICES		SPECIMEN	TRANSPORT TIME AND TEMPERATURE
AFB CULTURE (INCLUDES SMEAR)	AFB Culture and Smear LAB877		Sterile Container	Tissue Min 2 mL Fluid: Sputum, CSF, BAL, Urine, Body Fluid	Refrigerate Sputum, BAL, Urine, and Body Fluids Stable:72 hr. CSF must be Ambient Stable:<24 hr.
AFB BLOOD CULTURE	AFB Culture, blood LAB246		SPS Vacutainer tube	Blood or Bone Marrow	Blood and Bone Marrow must be Ambient Stable:24 hr
VAGINAL DNA PROBE (Detection of <i>Candida/Gardnerella/Trichomonas</i>)	Vaginal Pathogen DNA probe LAB3001		Affirm Kit Sterile Swab, Collection Tube, Transport Reagent Dropper	Vaginal Specimen	Ambient or Refrigerated Stable:<72 hr.
BIOPSIES, FNA, Node, Nodule, Polyp, Tissue CULTURE	Tissue Culture LAB898		Cultures-Sterile Container	If small specimen add sterile saline. Never wrap in gauze	Send ASAP to lab. If delay is expected, add a small amount of sterile saline to tissue to prevent drying. Ambient 24 hr




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BLOOD CULTURES	Blood Culture LAB462	 <div data-bbox="835 228 1043 358" style="border: 1px solid black; padding: 2px; display: inline-block;"> BacT/ALERT Aerobic Green Lid </div>	 <div data-bbox="1346 228 1533 342" style="border: 1px solid black; padding: 2px; display: inline-block;"> BacT/ALERT Anaerobic Orange Lid </div>	Blood 10 ml into each bottle	Ambient Stable:48 hr.
BORDETELLA PERTUSSIS PCR	Bordetella pertussis/ Parapertussis by PCR LAB923	 <div data-bbox="642 805 1058 836" style="color: green;">Mini-tip ESwab Bacterial Culture</div> <div data-bbox="1136 792 1549 823">Universal Viral Transport Media</div>		Nasopharyngeal Mini Swab (discard large UVTM swab)	Freeze Stable: 3 months
CHLAMYDIA TRACHOMATIS by PCR (URINE)	Chlamydia by PCR (Urine) LAB5763 Chlamydia/ Gonorrhea by PCR (Urine) LAB5761			Dirty Urine First Morning Void (<u>No clean catch</u> <u>or midstream</u> <u>urine</u>). Less than 50 mL. Male or Female	Stable at 2-30° C for 12 months




TEST	EPIC ORDER	COLLECTION DEVICES		SPECIMEN	TRANSPORT TIME AND TEMPERATURE
<p>CHLAMYDIA TRACHOMATIS by PCR TESTING (GENITAL)</p>	<p>Chlamydia/ Gonorrhea by PCR (Genital Swab) LAB5757</p> <p>Chlamydia/ Gonorrhea by PCR (Thinprep) LAB5758</p> <p>Chlamydia by PCR (Genital Swab) LAB5756</p> <p>Chlamydia by PCR (Thinprep) LAB5760</p>	 <p>Cobas® Female PCR media tube Endocervical or Vaginal</p>	 <p>Thin Prep vial</p>	<p>For CERVICAL collection use only one swab. First remove mucous with one swab and discard. Then collect.</p>	<p>Ambient or refrigerated Stable 12 months</p>
<p>CHLAMYDIA TRACHOMATIS (CT) CULTURE</p>	<p>Chlamydia trachomatis culture LAB244</p>	<p>ARUP universal viral transport media</p> 	<p>Universal Viral Transport Media</p> 	<p>Non-genital Specimens. (eye, nose, throat, rectal, peritoneal fluid) Children less than 13 y/o Legal cases</p>	<p>Refrigerate Stable: 48 hr.</p> <p>Frozen at -70 C Stable: 1 month</p>
<p>CLOSTRIDIUM DIFFICILE by PCR</p>	<p>Clostridium difficile toxin LAB253</p>	<p>Clean Vial</p> 		<p>Loose, Diarrheal Stool or Colon Aspirate Once every 7 days.</p> <p>Formed stools will not be tested.</p>	<p>Stable: Refrigerated 5 days</p>







TEST	EPIC ORDER	COLLECTION DEVICES		SPECIMEN	TRANSPORT TIME AND TEMPERATURE
CRYPTOSPORIDIUM /GIARDIA ANTIGEN	Giardia/Crypto Screen LAB2253		Enteric Plus Transport Vial	Fecal or Colon Aspirate; must be put in preservative within 2 hours of collection	Ambient Stable: 7 days
CULTURE FOR ANAEROBES	Anaerobic Culture LAB233 (included on all body fluid culture and tissue culture)	 Sterile Container for tissue or body fluid- Refer to Tissue Culture or Body Fluid Culture	eSwab® 	Acceptable specimens: tissue or body fluid including abscess, sinus or middle meatus	Sterile container: Room temp Stable: 2 hr. eSwab® Room Temp Stable: 48 hr.
CULTURE ROUTINE FOR BACTERIA	Culture, Routine LAB899	eSwab® 	 Mini-tip eSwab Bacterial Culture	List Specific Source	eSwab® Room Temp Stable: 48 hr.
EAR DISCHARGE CULTURE	Ear Culture with gram stain LAB942	eSwab® 	 Sterile Container	Ear aspirate or ear drainage	eSwab® Room Temp Stable: 48 hr.

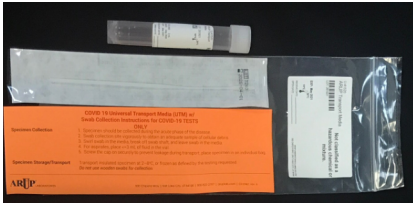

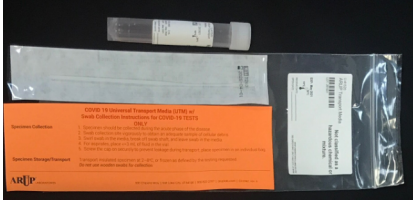


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EYE CULTURE	Eye culture with gram stain LAB943	eSwab® for Conjunctival drainage 	For Corneal scrapings must plate directly onto blood and chocolate agar and into thioglycolate broth. Place material for gram stain on a glass slide and air dry.	Conjunctival drainage or corneal scraping	eSwab® Room Temp Stable: 48 hr. Plates: incubate within 2 horus
FECAL LEUKOCYTES	Fecal Leukocytes LAB265		Clean Vial	Stool or Colon Aspirate	Refrigerate Stable: 2 weeks
STOOL CULTURE (FOR ENTERIC PATHOGENS)	Stool Culture and gram stain LAB223	*Enteric Plus, C & S  *Preferred Specimen	 <div style="border: 1px solid black; padding: 5px; display: inline-block;">Clean Vial – Fresh Must be at LAB within 1 hrs of collection</div>	Stool or Colon Aspirate	Enteric Plus- Ambient Stable: 96 hr
FLUIDS	Body fluid culture and smear LAB269 (includes anaerobes)	 Sterile Cup	Sterile Conical Tube 	Aspirate of abdominal, amniotic, ascites, bile, joint, pericardial, peritoneal, pleural,	Send to Lab ASAP Ambient Stable: 24 hr




TEST	EPIC ORDER	COLLECTION DEVICES		SPECIMEN	TRANSPORT TIME AND TEMPERATURE
				synovial and vitreous fluids	
FUNGAL CULTURE	Fungus Culture and smear LAB240	 Sterile Cup	Swabs unacceptable	Any body site Min 2 mL Fluid: Sputum, CSF, BAL, Urine, Body Fluid	Refrigerate Sputum, BAL, Urine, and Body Fluids Stable:72 hr. CSF must be Ambient Stable:<24 hr.
FUNGAL DERM CULTURE	Fungal Derm Culture LAB4193		Sterile Container containing nails, skin scrapings, or hair	List Specific Source. Hair, skin or nails	Ambient Stable: 72 hr
FUNGAL BLOOD CULTURE	Fungal culture, blood LAB242		SPS Vacutainer tube	Blood or Bone Marrow	Blood and Bone Marrow must be Ambient Stable:24 hr
GIARDIA / CRYPTOSPORIDIUM ANTIGEN	Giardia/Crypto Screen LAB2253	Enteric Plus Transport Vial		Fecal or Colon Aspirate; must be put in preservative within 2 hours of collection	Ambient Stable: 7 days






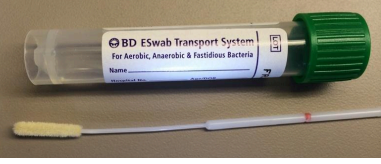
TEST	EPIC ORDER	COLLECTION DEVICES	SPECIMEN	TRANSPORT TIME AND TEMPERATURE
				
<p>GI PATHOGEN PROFILE BY PCR</p>	<p>GI Pathogen Profile by PCR LAB4395</p>	<p>Enteric Plus Transport Vial AND Clean Vial</p> 	<p>Diarrheal (liquid) stool. Formed stool is unacceptable</p>	<p>Ambient Enteric vial Stable: 4 days Ambient Clean vial Stable: 2 hours</p>
<p>(NEISSERIA) GONORRHEA (NG) CULTURE</p>	<p>Gonococcus Culture LAB235</p>	 <p>eSwab®</p>	<p>Non-genital Specimens. (eye, nose, throat, anal) Children less than 13 y/o Legal cases</p>	<p>eSwab® Ambient Stable: 24 hr.</p>



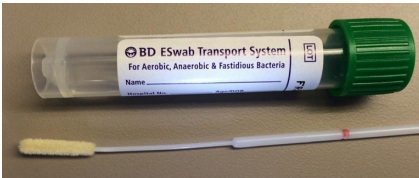



TEST	EPIC ORDER	COLLECTION DEVICES	SPECIMEN	TRANSPORT TIME AND TEMPERATURE
<p>(NEISSERIA) <u>GONORRHOEAE</u> (NG) by PCR TESTING (Genital)</p>	<p>Chlamydia/ Gonorrhea by PCR (Thinprep) LAB5758</p> <p>Chlamydia/ Gonorrhea by PCR (Genital Swab) LAB5757</p> <p>Gonorrhea by PCR (Genital Swab) LAB5755</p> <p>Gonorrhea by PCR (Thin Prep) LAB5759</p>	 <p>Cobas® Female PCR media tube Endocervical or Vaginal</p> <p>Thin Prep Vial</p>	<p>For CERVICAL collection use only one swab. First remove mucus with one swab and discard. Then collect.</p>	<p>Ambient or refrigerated Stable 12 months</p>
<p>(NEISSERIA) <u>GONORRHOEAE</u> (NG) by PCR TESTING (URINE)</p>	<p>Gonorrhea by PCR (Urine) LAB5762</p> <p>Chlamydia/ Gonorrhea by PCR (Urine) LAB5761</p>	 <p>Cobas® Urine PCR Media tube</p>	<p>Dirty Urine First Morning Void (<u>No clean catch or midstream urine</u>). Less than 50 mL. Male or Female</p>	<p>Stable at 2-30° C for 12 months</p>
<p>HELICOBACTER PYLORI ANTIGEN</p>	<p>H. pylori antigen, stool (aka HELICOBACTER) LAB397</p>	 <p>Clean Vial</p>	<p>Stool</p>	<p>Stable: Refrigerated 72 hr</p> <p>Stable: Frozen 30 days</p>









TEST	EPIC ORDER	COLLECTION DEVICES		SPECIMEN	TRANSPORT TIME AND TEMPERATURE
HERPES SIMPLEX VIRUS 1 & 2 BY PCR	Herpes simplex virus 1&2 by PCR LAB2398		Universal Viral Transport Media (UVT)	Swabs from cutaneous and mucocutaneous lesions CSF- minimum 2ml	Refrigerate Stable: 1 week
INFLUENZA A/B AND RSV BY PCR	Influenza type A/B and RSV LAB2432		Universal Viral Transport Media (UVT)	Nasopharyngeal swab in UVT	Refrigerate UVT Stable: 7 days
LEGIONELLA SPECIES BY PCR	Legionella species by PCR LAB2451	 Sterile Container	Universal Viral Transport Media (UVT) 	Respiratory specimen: BAL, bronchial brushings, nasopharyngeal swab, sputum, tracheal aspirates or pleural fluid	Refrigerate Stable: 5 days
LEGIONELLA ANTIGEN	Legionella Antigen, Urine LAB886 Legionella		Sterile Container	Urine (min 1 mL)	Refrigerate Stable: 2 weeks
MALARIA SMEARS; BLOOD PARASITE SCREEN	Malaria Smear LAB883	 EDTA 4 mL tube (Blood)	Whole Blood min: 1 mL Thick and thin smear slides must be made immediately after collection	Blood Have collected at Lab; slides must be made within 1 hour of collection	Slides Ambient Stable several days

TEST	EPIC ORDER	COLLECTION DEVICES		SPECIMEN	TRANSPORT TIME AND TEMPERATURE
GENITAL MYCOPLASMA CULTURE (culture for <i>Mycoplasma hominis</i> and <i>Ureaplasma species</i>)	Mycoplasma/ Ureaplasma culture LAB944	ARUP universal viral transport media 	Universal Viral Transport Media (UVT) 	Urogenital (place swab directly in UVT)	Refrigerate Stable: 48 hr.
Urogenital Ureaplasma/Mycopl PCR	Ureaplasma and Mycoplasma Species by PCR LAB100000	ARUP universal viral transport media 	Universal Viral Transport Media (UVT) 	Genital swab, rectal swab, or urine. Also acceptable: upper respiratory swabs, bronchoalveolar lavage, sputum, and tracheal aspirates. (BAL, Sputum, or tracheal aspirate in sterile container)	Ambient Stable: 48 hr Refrigerate Stable: 10 days
OCCULT BLOOD, STOOL	Occult blood 1-3, stool LAB694	 Clean Vial		Fecal or Colon Aspirate	Refrigerate Stable: 7 days

TEST	EPIC ORDER	COLLECTION DEVICES		SPECIMEN	TRANSPORT TIME AND TEMPERATURE
OCCULT BLOOD, GASTRIC	Occult Blood gastric/duodenum LAB696	 <p>Clean Vial</p>		1 mL gastric sample	Refrigerate Stable: 24 hr
OVA & PARASITES	Ova and Parasite Examination LAB955	 <p>Total-Fix Vial</p>	Testing is ONLY appropriate when the patient has diarrhea >7 days and one of the following conditions: patient has traveled to countries with endemic parasitic infestation, patient is a resident or an immigrant from a developing country, or patient has unexplained eosinophilia. Three samples collected over a 10 day period are optimum. Indicate suspected parasite & travel history.	Fecal or Colon Aspirate	Total-Fix Stable: Ambient 1 month
PIN WORM	Pinworm Prep LAB248	 <p>Pin Worm Paddle or SCOTCH TAPE</p>	Collect first thing in the AM right after patient wakes up. Remove the cap from the pinworm collector. In the cap is inserted a paddle, one side of which is coated with an adhesive material. This side is marked sticky side. Don't touch this surface with fingers. Separate the buttocks and press the sticky side to the outside of the anus. Insert paddle with cap attached back in to the pinworm collector.	Anal/Perianal Pinworm Collection Kit	Refrigerate Stable: 24 hr.

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ROTAVIRUS ANTIGEN	Rotavirus Antigen, stool LAB443	 <p>Clean Container</p>		Stool	Refrigerate Stable: 3 days
SPUTUM CULTURE	Sputum Culture LAB900		Sterile Container	Expectorated Sputum or Trachea Aspirate	Refrigerate Stable: 24 hr.
STREP A PCR THROAT	Strep A PCR-THROAT LAB73620	<p>eSwab®</p> 	<p>Mini-tip eSwab Bacterial Culture</p> 	Throat	Ambient Stable: 48 hr Refrigerate Stable: 6 days
STREP A CULTURE	Strep A Culture, Throat LAB236	 <p>eSwab®</p>	<p>Mini-tip eSwab Bacterial Culture</p> 	Throat	Ambient eSwab® Stable: 48 hr

TEST	EPIC ORDER	COLLECTION DEVICES		SPECIMEN	TRANSPORT TIME AND TEMPERATURE
TISSUE CULTURE	Tissue Culture LAB898 (includes anaerobes)	 Sterile Cup		Tissue from any site. Surgical specimens/bones collected in sterile leak proof containers	Send to Lab ASAP Ambient Stable: 24 hr
THROAT CULTURE	Throat Culture LAB228	eSwab® 	Mini-tip ESwab Bacterial Culture 	Throat/Tonsil	Ambient eSwab® Stable: 48 hr
TRICHOMONAS WET PREP	Wet prep, genital (aka TRICHOMONAS) LAB252	A swab in 1 ml saline		vaginal discharge (Place swab in saline; examine immediately)	Stable 30 minutes.
TRICHOMONAS (MALES)	Urinalysis microscopic LAB3210 with comment Look for Trichomonas		Males: first voided urine (not clean/not midstream)	Urine	Ambient < 4 hr
URINE CULTURE	Urine Culture LAB239	 Sterile urine cup	 Urine C&S Transport Tube(TT)	Urine Clean Catch	Cup: Stable: Refrigerated <24 hr. TT Stable: Ambient or Refrigerated 48 hr

TEST	EPIC ORDER	COLLECTION DEVICES		SPECIMEN	TRANSPORT TIME AND TEMPERATURE
VAGINAL GROUP B CULTURE	Group B Strep Culture LAB1377	 eSwab®	 Mini-tip eSwab Bacterial Culture	Vaginal	Ambient eSwab® Stable:48 hr.
VIRAL CULTURE	Culture Viral Reflex LAB4032	 Universal Viral Transport Media for Lesions and Nasopharyngeal collection	 Sterile Container for Fluids, Feces, Nasal Washings, Urine, or Biopsy	List specific source	Refrigerated Sterile Container Stable: <4 hr. UVT Stable 72 hr.
WOUND CULTURE	Routine Culture LAB899	 ESwab	 Mini-tip eSwab Bacterial Culture	List specific source	Ambient ESwab Stable: 48 hr.
YEAST (CANDIDA SCREEN)	Yeast Culture LAB241	 ESwab	 Mini-tip eSwab Bacterial Culture	List specific source- vaginal, rectal or throat ONLY	Refrigerated ESwab Stable: 72 hr.