





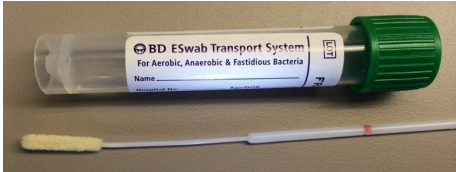




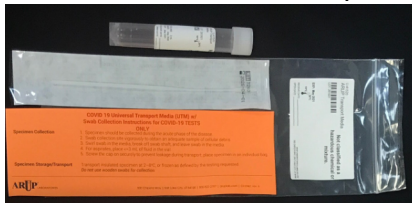









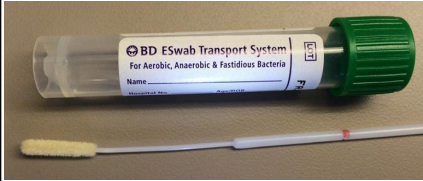
CHI HEALTH LABORATORY







REFERENCE CHART FOR MICROBIOLOGY SPECIMEN COLLECTION


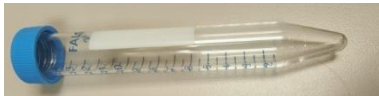



TEST	EPIC ORDER	COLLECTION DEVICES		SPECIMEN	TRANSPORT TIME AND TEMPERATURE
AFB CULTURE (INCLUDES SMEAR)	AFB Culture and Smear LAB877		Sterile Container	Tissue Min 2 mL Fluid: Sputum, CSF, BAL, Urine, Body Fluid	Refrigerate Sputum, BAL, Urine, and Body Fluids Stable:72 hr. CSF must be Ambient Stable:<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 Pathogens by PCR (BV, Candida species, and Trichomonas)	Vaginal Pathogens by PCR LAB999750		BD Molecular Collection Swab Sterile Swab, Collection Tube	Vaginal Specimen	Ambient or Refrigerated Stable:21 days
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




TEST	EPIC ORDER	COLLECTION DEVICES		SPECIMEN	TRANSPORT TIME AND TEMPERATURE
BLOOD CULTURES	Blood Culture LAB462			Blood 10 ml into each bottle	Ambient Stable:48 hr.
BORDETELLA PERTUSSIS PCR	Bordetella pertussis/ Parapertussis by PCR LAB923	 Mini-tip ESwab Bacterial Culture	 Universal Viral Transport Media	Nasopharyngeal Mini Swab (discard large UVTM swab)	Freeze Stable: 3 months
CHLAMYDIA TRACHOMATIS by PCR (URINE)	Chlamydia trachomatis by PCR LAB7856 Chlamydia trachomatis/Neisseria Gonorrhoeae by PCR LAB2733		Alinity m multi-Collect Specimen Collection Kit	Dirty Urine Patient should not have voided for 1 hour. (No clean catch or midstream urine). Collect first 20-30 mL. Male or Female	Stable at 2-30° C for 7 days




TEST	EPIC ORDER	COLLECTION DEVICES		SPECIMEN	TRANSPORT TIME AND TEMPERATURE
CHLAMYDIA TRACHOMATIS by PCR TESTING (GENITAL)	Chlamydia trachomatis by PCR LAB7856	 Alinity m multi-Collect Specimen Collection Kit Endocervical or Vaginal		 Thin Prep vial	For CERVICAL collection use only one swab. First remove mucous with one swab and discard. Then collect. Alinity: Ambient or refrigerated Stable 7 days ThinPrep stable 12 months
	Chlamydia trachomatis/Neisseria Gonorrhoeae by PCR LAB2733				
	Chlamydia/ Gonorrhea by PCR (Thinprep) LAB5758				
	Chlamydia by PCR (Thinprep) LAB5760				
CHLAMYDIA TRACHOMATIS (CT) CULTURE	Chlamydia trachomatis culture LAB244	ARUP universal viral transport media 		Universal Viral Transport Media 	Non-genital Specimens. (eye, nose, throat, rectal, peritoneal fluid) Children less than 13 y/o Legal cases Refrigerate Stable: 48 hr. Frozen at -70 C Stable: 1 month
	Clostridium difficile toxin LAB253	Clean Vial 		Loose, Diarrheal Stool or Colon Aspirate Once every 7 days. Formed stools will not be tested.	Stable: Refrigerated 5 days






TEST	EPIC ORDER	COLLECTION DEVICES		SPECIMEN	TRANSPORT TIME AND TEMPERATURE
COVID19	COVID19	Universal Viral Transport Media 		Nasal or nasopharyngeal	Stable: Refrigerated 3 days
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.




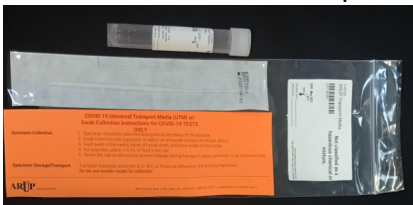
TEST	EPIC ORDER	COLLECTION DEVICES		SPECIMEN	TRANSPORT TIME AND TEMPERATURE
EAR DISCHARGE CULTURE	Ear Culture with gram stain LAB942	eSwab® 	 Sterile Container	Ear aspirate or ear drainage	eSwab® Room Temp Stable: 48 hr.
EYE CULTURE	Eye culture with gram stain LAB943	eSwab® for Conjunctival drainage 	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 hours
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 	 Clean Vial – Fresh Must be at LAB within 1 hrs of collection	Stool or Colon Aspirate	Enteric Plus- Ambient Stable: 96 hr

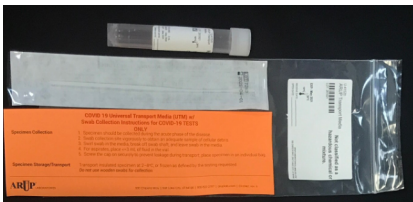




TEST	EPIC ORDER	COLLECTION DEVICES		SPECIMEN	TRANSPORT TIME AND TEMPERATURE
		*Preferred Specimen			
FLUIDS	Body fluid culture and smear LAB269 (includes anaerobes)	 Sterile Cup	Sterile Conical Tube 	Aspirate of abdominal, amniotic, ascites, bile, joint, pericardial, peritoneal, pleural, synovial and vitreous fluids	Send to Lab ASAP Ambient Stable: 24 hr
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




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



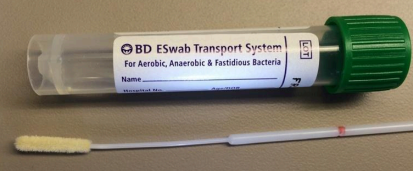



TEST	EPIC ORDER	COLLECTION DEVICES		SPECIMEN	TRANSPORT TIME AND TEMPERATURE
(NEISSERIA) <u>GONORRHOEAE</u> (NG) by PCR TESTING (Genital)	Chlamydia/ Gonorrhea by PCR (Thinprep) LAB5758			 Thin Prep Vial	Endocervical or Vaginal for Females Alinity: Ambient or refrigerated Stable 7 days ThinPrep stable 12 months
	Chlamydia trachomatis/Neisse ria Gonorrhoeae by PCR LAB2733				
	Neisseria Gonorrhoeae by PCR LAB8754	Alinity m multi-Collect Specimen Collection Kit Endocervical or Vaginal			
	Gonorrhea by PCR (Thin Prep) LAB5759				
(NEISSERIA) <u>GONORRHOEAE</u> (NG) by PCR TESTING (URINE)	Neisseria Gonorrhoeae by PCR LAB8754			Dirty Urine Patient should not have voided for 1 hour. (No clean catch or midstream urine). Collect first 20-30 mL. Male or Female	Stable at 2-30° C for 7 days
	Chlamydia trachomatis/Neisse ria Gonorrhoeae by PCR LAB2733	Alinity m multi-Collect Specimen Collection Kit			


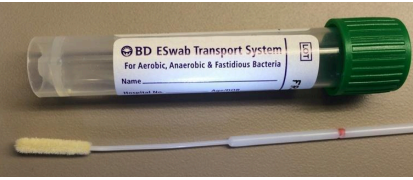
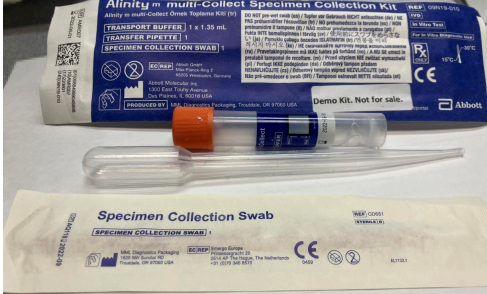

TEST	EPIC ORDER	COLLECTION DEVICES		SPECIMEN	TRANSPORT TIME AND TEMPERATURE
HELICOBACTER PYLORI ANTIGEN	H. pylori antigen, stool (aka HELICOBACTER) LAB397		Clean Vial	Stool	Stable: Refrigerated 72 hr Stable: Frozen 30 days
HERPES SIMPLEX VIRUS 1 & 2 BY PCR	Herpes simplex virus 1&2 by PCR LAB2398		Universal 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





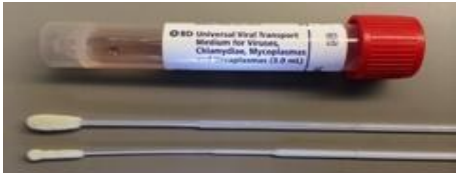



TEST	EPIC ORDER	COLLECTION DEVICES		SPECIMEN	TRANSPORT TIME AND TEMPERATURE
LEGIONELLA ANTIGEN	Legionella Antigen, Urine LAB886 Legionella		Sterile Container	Urine (min 1 mL)	Refrigerate Stable: 2 weeks
MALARIA SMEARS; BLOOD PARASITE SCREEN	Malaria Smear LAB883	 EDTA 4 mL tube (Blood)	Whole Blood min: 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
Mycoplasma Genitalium by PCR	Mycoplasma genitalium by PCR LAB9674		Alinity m multi-Collect Specimen Collection Kit Endocervical or Vaginal or Male urine	Females: endocervical or Vaginal Males: urine	Alinity: Ambient or refrigerated Stable 7 days
GENITAL MYCOPLASMA CULTURE (culture for <i>Mycoplasma hominis</i> and <i>Ureaplasma species</i>)	Mycoplasma/ Ureaplasma culture LAB944		Universal Viral Transport Media (UVT)	Urogenital (place swab directly in UVT)	Refrigerate Stable: 48 hr.
Urogenital Ureaplasma/Myco 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,	Ambient Stable: 48 hr Refrigerate Stable: 10 days

TEST	EPIC ORDER	COLLECTION DEVICES		SPECIMEN	TRANSPORT TIME AND TEMPERATURE
				bronchoalveolar lavage, sputum, and tracheal aspirates. (BAL, Sputum, or tracheal aspirate in sterile container)	
OCCULT BLOOD, STOOL	Occult blood 1-3, stool LAB694	 Clean Vial		Fecal or Colon Aspirate	Refrigerate Stable: 7 days
OCCULT BLOOD, GASTRIC	Occult Blood gastric/duodenum LAB696	 Clean Vial		1 mL gastric sample	Refrigerate Stable: 24 hr
OVA & PARASITES	Ova and Parasite Examination LAB955	 Total-Fix Vial	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	Fecal or Colon Aspirate	Total-Fix Stable: Ambient 1 month

TEST	EPIC ORDER	COLLECTION DEVICES		SPECIMEN	TRANSPORT TIME AND TEMPERATURE
			day period are optimum. Indicate suspected parasite & travel history.		
PIN WORM	Pinworm Prep LAB248	 Pin Worm Paddle or SCOTCH TAPE	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.
RESP PANEL 4-PLEX - COVFLURSV PCR	RESP PANEL 4-PLEX LAB43980	Universal Viral Transport Media (UVT) 		Nasopharyngeal	Stable: Refrigerated 3 days
ROTAVIRUS ANTIGEN	Rotavirus Antigen, stool LAB443	 Clean Container		Stool	Refrigerate Stable: 3 days

TEST	EPIC ORDER	COLLECTION DEVICES		SPECIMEN	TRANSPORT TIME AND TEMPERATURE
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	eSwab® 	Mini-tip eSwab Bacterial Culture 	Throat	Ambient Stable: 48 hr Refrigerate Stable: 6 days
STREP A CULTURE	Strep A Culture, Throat LAB236	 eSwab®	Mini-tip eSwab Bacterial Culture 	Throat	Ambient eSwab® Stable: 48 hr
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

TEST	EPIC ORDER	COLLECTION DEVICES		SPECIMEN	TRANSPORT TIME AND TEMPERATURE
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)	Trichomonas vaginalis by PCR LAB4613		Alinity m multi-Collect Specimen Collection Kit Male urine	Males: Urine First 20-30mL. Patient should not have voided for 1 hour.	Alinity: Ambient or refrigerated Stable 7 days
TRICHOMONAS (FEMALES)	Trichomonas vaginalis by PCR LAB4613		Alinity m multi-Collect Specimen Collection Kit Endocervical or Vaginal or urine	Females: endocervical or Vaginal or female urine	Alinity: Ambient or refrigerated Stable 7 days

TEST	EPIC ORDER	COLLECTION DEVICES		SPECIMEN	TRANSPORT TIME AND TEMPERATURE
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
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.

TEST	EPIC ORDER	COLLECTION DEVICES		SPECIMEN	TRANSPORT TIME AND TEMPERATURE
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.