

Specimen Collection Guide Microbiology

Source	Collection Container	Acceptable Tests	Order Code	Storage Temp/Stability	Notes
URINE					Please see clean catch collection instructions
	Urine C&S Preservative Tube (Grey Top) <i>Preferred</i>	Urine Culture	LAB4530	Room Temp 48 hours	
					
	Red Top Tube (No Additive) <i>For short collections</i>	Urine Culture	LAB4530	Room Temp 2 hours, Refrigerated 24 hours	
					
	Sterile Cup	Urine Culture	LAB4530	Room Temp 2 hours, Refrigerated 24 hours	
		Chlamydia, Gonorrhoeae PCR	LAB4602	2-30C (Room or Refrig) 28 Days	NEW COLLECTION TUBE. Dirty catch urine. Transfer urine to molecular tube within 4 hours after collection
		Chlamydia, Gonorrhoeae, Trichomonas PCR	LAB4603	2-30C (Room or Refrig) 28 Days	
		Trichomonas vaginalis PCR	LAB4836	2-30C (Room or Refrig) 28 Days	
	Xpert Urine Specimen Collection Kit (<i>dirty catch</i>)				

STOOL		Stool Culture	LAB4527	Room Temp 2 Days, Refrig 4 days	Place stool in transport media within 1 hour of collection
		Yersinia Culture	YERSC (Mayo Test)	Room Temp 4 Days, Refrig 4 days	
		H.pylori	HPFRP, LAB6122 (Mayo Test)	Room Temp 7 Days, Refrig 7 days	
		GI Panel PCR (in-house, 11 targets)	LAB7130	Room Temp 24 hours, Refrig 4 days	
		GI Pathogen Panel PCR (22 targets)	GIP (Mayo Test)	Room Temp 4 Days, Refrig 4 days	
	Cary- Blair Stool Transport Media (Yellow top also OK)	Crypto/Giardia Antigen	LAB4615	Room Temp 3 Days, Refrig 2 weeks	
		Ova & Parasite	LAB4541 (Mayo test)	Room Temp 21 days, Refrig 21 Days	Place stool in transport media within 1 hour of collection
		Fecal Occult Blood	LAB4149	Fresh stool room temp or refrig 2 Days, collection device room temp or refrig 30 days	See collection instructions included with kit
		C. diff PCR	LAB4605	Room Temp 2 Days, Refrig 5 Days	Stool must not be liquid or not formed
		Rotavirus	LAB4613	Refrig 3 Days	
		Fecal Leukocyte	LAB4537	Room Temp or Refrig 3 Days	
Rectal Swab		Fluoroquinolone Resistant Enteric Culture	LAB7024	Room Temp or Refrig 3 days	
		Chlamydia, Gonorrhoeae PCR	LAB4602	2-28C (Room or Refrig) 42 Days	

GENITAL		Chlamydia, Gonorrhoeae PCR	LAB4602	2-28C (Room or Refrig) 42 Days	NEW COLLECTION TUBE. Transfer swab to molecular tube immediately after collection
		Chlamydia, Gonorrhoeae, Trichomonas PCR	LAB4603		
		Vaginitis Panel (Bacterial Vaginosis, Trichomonas, Candida)	LAB4567		
		Wet Mount	LAB4544	Room Temp 1-2 Hours	Deliver to lab asap
		Group B Strep PCR	LAB4775	Room Temp 48 hours	
		Genital culture	LAB4515	Room Temp 24 hours	
		Yeast Screen culture	LAB4535	Room Temp 48 hours	
SPUTUM/ ETT/BAL		Respiratory Culture	LAB4524	Room Temp 2 hours, Refrig 24 hours	Immediate delivery to lab
		Fungal Culture	LAB4514		
		Yeast Screen culture	LAB4535		
		AFB Stain/Culture	CTB. LAB5359 (Mayo test)		

WOUND		Deep Wound Culture	LAB4533	Room Temp or Refrig 48 hours	Tissue in sterile container with a few drops of saline
		Superficial Wound Culture	LAB4534		
		Fungal Culture	LAB4514		
Eswab Transport System or Sterile Container					
EYE/EAR		Eye Culture	LAB4511	Room Temp or Refrig 24 hours	
		Ear Culture	LAB4510	Room Temp or Refrig 48 hours	
Eswab Transport System					
THROAT		Throat Culture Comprehensive	LAB4528	Room Temp or Refrig 48 hours	
		Beta Strep A Screen	LAB4501		
		Strep A PCR	LAB4618		
		Measles Virus, Molecular Detection, PCR, Throat	MEASR	Refrig or frozen 7 days	Eswab will be rejected by Mayo
		Chlamydia, Gonorrhoeae PCR	LAB4602	2-28C (Room or Refrig) 42 Days	
Xpert Swab Collection Kit					

ANTERIOR NARES/NASAL



Eswab Transport System

MRSA PCR

LAB4610

Room Temp 24 hours,
Refrig 7 days

Preferrably
testing within
2 hours of
collection

MRSA and MSSA PCR

LAB4611



Viral Transport Media, Remel M5 VTM (green top)

Flu A, Flu B, RSV, Covid (4-
Plex), <18 or >50 yrs old)

LAB4608

Flu A, Flu B, Covid (18-50
yrs old)

LAB4845

Covid PCR

LAB4606

Refrig 72 hours

Send to lab
asap



BD Universal Viral Transport media (UTM) Red Top

Flu A, Flu B, RSV, Covid (4-
Plex)

LAB4608

Covid PCR

LAB4606

NASOPHARYNGEAL (NP Swab)



Viral Transport Media, Remel M5 VTM (green top)



BD Universal Viral Transport media (UTM) Red Top



Rayon Swab Aluminum Shaft in swab tube with liquid Stuart's media (sponge)

Flu A, Flu B, RSV, Covid (4-plex), (<18 or >50 yrs old)

LAB4608

Flu A, Flu B, Covid (18-50 yrs old)

LAB4845

Covid PCR

LAB4606

Respiratory PCR Panel (Inpatients Only)

LAB4612

Refrig 72 hours

Send to lab asap

Flu A, Flu B, RSV, Covid (4-Plex)

LAB4608

Covid PCR

LAB4606

Respiratory PCR Panel (Inpatients Only)

LAB4612

Bordetella pertussis/parapertussis PCR

BPRPV (Mayo Test)

Room Temp, Refrig, Frozen 7 days

See Mayo Test Directory

LESION		HSV PCR	HSVPV (Mayo Test)	Refrig 7 days	See test directory for collection instructions
		Varicella-Zoster PCR	VZVPV (Mayo Test)	Refrig 7 days	
TISSUE		Deep Wound Culture	LAB4533	Room Temp or Refrig 48 hours	Tissue in sterile container with a few drops of saline
		Fungal Culture	LAB4514	Room Temp or Refrig 48 hours	
		AFB Stain/Culture	LAB (Mayo Test)	Room Temp or Refrig 48 hours	
BODY FLUID/CSF		Body Fluid Culture	LAB4506	Room Temp, Deliver immediately	
		CSF Culture	LAB4509	Room Temp, Deliver immediately	
		Fungal Culture	LAB4514	Room Temp, Deliver immediately	
		AFB Stain/Culture	CTB. LAB5359 (Mayo test)	Room Temp, Deliver immediately	1ml of fluid needed for AFB send out
HAIR, SKIN, NAIL		Fungal Culture	LAB4513	Room Temp 72 hours	
Axilla/Groin Swab		Yeast (Candida auris) Screening Culture	LAB4535	Room Temp or Refrig 48 hours	Collect axilla then groin on same swab