

# FERRELL HOSPITAL LABORATORY

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## SPECIMEN COLLECTION QUICK GUIDE

### Blood Collection

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TEST	SPECIMEN TUBE	INSTRUCTIONS	COMMENTS
<b>HEMATOLOGY</b>			
CBC w/AutoDiff	Purple Top - EDTA	Fill tube and mix by inversion X6	Minimum vol = ¼ tube
Sed Rate (ESR)	Purple Top - EDTA	Fill tube and mix by inversion X6	Minimum vol = ½ tube
HCT/HCT	Purple Top - EDTA	Fill tube and mix by inversion X6	Minimum vol = ¼ tube
Reticulocyte Count	Purple Top - EDTA	Fill tube and mix by inversion X6	Minimum vol = ¼ tube
<b>COAGULATION</b>			
Protime (PT) / INR	Blue Top – Na Citrate	Fill tube and mix by inversion X6* Fill to line on tube / Room Temp	<b>*Tube must be filled fully – short draws not accepted.</b>
PTT	Blue Top – Na Citrate	Fill tube and mix by inversion X6* Fill to line on tube / Room Temp	<b>*Tube must be filled fully – short draws not accepted.</b>
<b>CHEMISTRY</b>	<b>Gold or Green Gel</b>		
<b>Ammonia</b>	<b>Green</b>	Green on ice/arrive at lab STAT	Minimum vol = ½ tube
CMP Panel	Gold, GEL tube, Red	Fill tube, no mixing necessary	Minimum vol = ½ tube
BMP Panel	Gold, GEL tube, Red	Fill tube, no mixing necessary	Minimum vol = ½ tube
Lipid Panel	Gold, GEL tube, Red	Fill tube, no mixing necessary	Minimum vol = ½ tube
Electrolyte Panel	Gold, GEL tube, Red	Fill tube, no mixing necessary	Minimum vol = ½ tube
Hepatic Panel	Gold, GEL tube, Red	Fill tube, no mixing necessary	Minimum vol = ½ tube
Renal Panel	Gold, GEL tube, Red	Fill tube, no mixing necessary	Minimum vol = ½ tube
GLUCOSE	Gold, GEL tube, Red	Fill tube, no mixing necessary	Minimum vol = ¼ tube
ALT	Gold, GEL tube, Red	Fill tube, no mixing necessary	Minimum vol = ¼ tube
AST	Gold, GEL tube, Red	Fill tube, no mixing necessary	Minimum vol = ¼ tube
Amylase	Gold, GEL tube, Red	Fill tube, no mixing necessary	Minimum vol = ¼ tube
Bilirubin	Gold, GEL tube, Red	Fill tube, no mixing necessary	Minimum vol = ¼ tube
BUN	Gold, GEL tube, Red	Fill tube, no mixing necessary	Minimum vol = ¼ tube
Calcium	Gold, GEL tube, Red	Fill tube, no mixing necessary	Minimum vol = ¼ tube
CK (CPK)	Gold, GEL tube, Red	Fill tube, no mixing necessary	Minimum vol = ¼ tube
CK-MB	Gold, GEL tube, Red	Fill tube, no mixing necessary	Minimum vol = ¼ tube
Cholesterol	Gold, GEL tube, Red	Fill tube, no mixing necessary	Minimum vol = ¼ tube
Creatinine	Gold, GEL tube, Red	Fill tube, no mixing necessary	Minimum vol = ¼ tube
GGT	Gold, GEL tube, Red	Fill tube, no mixing necessary	Minimum vol = ¼ tube
HDL Chol	Gold, GEL tube, Red	Fill tube, no mixing necessary	Minimum vol = ¼ tube
Lactic Acid	Gray	Gray on ice or frozen plasma	Minimum vol = ½ tube
Magnesium	Gold, GEL tube, Red	Fill tube, no mixing necessary	Minimum vol = ¼ tube
Phosphorus	Gold, GEL tube, Red	Fill tube, no mixing necessary	Minimum vol = ¼ tube
PSA	Gold, GEL tube, Red	Fill tube, no mixing necessary	Minimum vol = ¼ tube
Triglyceride	Gold, GEL tube, Red	Fill tube, no mixing necessary	Minimum vol = ¼ tube
TROPONIN	Gold, GEL tube, Red	Fill tube, no mixing necessary	Minimum vol = ¼ tube
TSH	Gold, GEL tube, Red	Fill tube, no mixing necessary	Minimum vol = ¼ tube
Uric Acid	Gold, GEL tube, Red	Fill tube, no mixing necessary	Minimum vol = ¼ tube
Vitamin D	Gold, GEL tube, Red	Fill tube, no mixing necessary	Minimum vol = ¼ tube

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TEST	SPECIMEN TUBE	INSTRUCTIONS	COMMENTS
<b>SPECIAL CHEM</b>			
Hgb A1C	Purple Top - EDTA	Fill tube and mix by inversion X6	Minimum vol = ½ tube
BNP	Purple Top - EDTA	Fill tube and mix by inversion X6	Minimum vol = ½ tube
D DIMER	Purple Top - EDTA	Fill tube and mix by inversion X6	Minimum vol = ½ tube
<b>TDMs</b>			
Dilantin	Red	Fill tube, no mixing necessary	Minimum vol = ¼ tube
Tegretol	Red	Fill tube, no mixing necessary	Minimum vol = ¼ tube
Depakote	Red	Fill tube, no mixing necessary	Minimum vol = ¼ tube
Theophyline	Red	Fill tube, no mixing necessary	Minimum vol = ¼ tube
Vancomycin	Red	Fill tube, no mixing necessary	Minimum vol = ¼ tube
Gentamicin	Red	Fill tube, no mixing necessary	Minimum vol = ¼ tube
Phenobarbital	Red	Fill tube, no mixing necessary	Minimum vol = ¼ tube
Digoxin	Red	Fill tube, no mixing necessary	Minimum vol = ¼ tube
<b>REFERENCE LAB*</b>			
T3	Gold, GEL tube, Red	Fill tube, no mixing necessary	Minimum vol = ½ tube
Iron	Gold, GEL tube, Red	Fill tube, no mixing necessary	Minimum vol = ½ tube
Iron & TIBC	Gold, GEL tube, Red	Fill tube, no mixing necessary	Minimum vol = ½ tube
Ferritin	Gold, GEL tube, Red	Fill tube, no mixing necessary	Minimum vol = ½ tube
Folate	Gold, GEL tube, Red	Fill tube, no mixing necessary	Minimum vol = ½ tube
<b>MICROBIOLOGY</b>			
Blood Culture	Yellow SPS tube	Fill tube and mix by inversion X6	Minimum vol = ½ tube

**\*FOR REFERENCE TESTS NOT LISTED PLEASE CALL THE LABORATORY FOR SPECIMEN COLLECTION PROCEDURES**

### URINALYSIS

TEST	SPECIMEN CONTAINER	INSTRUCTIONS	COMMENTS
UA Complete	Sterile Specimen Cup	Clean Catch/ <b>Refrigerate Specimen</b>	10 mL of urine
UA Complete with reflex to culture	Sterile Specimen Cup	Clean Catch/ <b>Refrigerate Specimen</b>	10 mL of urine

### MICROBIOLOGY

TEST	SPECIMEN	INSTRUCTIONS	COMMENTS
UA Culture	Sterile Specimen Cup	Clean Catch/ <b>Refrigerate Specimen</b>	10 mL of urine
Sputum Culture	Sterile Specimen Cup	Sputum	
Throat Culture	Green Transport Swab	Swab back of throat	
Wound/Abscess Cul	Green Transport Swab	Obtain culture	
Ear/Eye Culture	Green Transport Swab	Obtain culture	
MRSA Screen	Green Transport Swab	Swab nasal area (both left & right)	

**\*FOR ALL NON-LISTED SPECIMENS PLEASE CALL THE LABORATORY FOR INSTRUCTIONS\***