

Specimen Type	Collection		Time and Temp			Comments
	Guidelines	Device and/or minimum volume	Local Transport	Courier or Local Storage	Replica Limits	
Blood Cultures	Disinfection of culture bottle: Apply 70% isopropyl alcohol to rubber stoppers and wait 1 min.	<i>Bactec blood culture vials</i>	≤2 hr, RT	≤24 hr, RT or per instructions	3 sets in 24 hr.	<i>Follow current blood culture protocols per Drake</i>
	Palpate for the vein first.					
	Disinfection of venipuncture site:					
	1. Cleanse with Chloraprep sepp.					
	2. Swab with repeated back and fourth strokes.					
	3. Allow to dry for 30 s					
	4. <i>Do not palpate the vein at this point.</i> If further palpitation is necessary, disinfect the finger of the glove.					
	6. Collect blood.					
HDL	Universal precautions	SST, Red, Green (Li Heparin) minimum volume 1 ml	≤2 hr, RT	N/A	N/A	N/A
ALB/ Albumin	Universal precautions	SST, Red, Green (Li Heparin) minimum volume 1 ml	≤2 hr, RT	N/A	N/A	N/A
ALK PHOS/ Alkaline Phosphatase	Universal precautions	SST, Red, Green (Li Heparin) minimum volume 1 ml	≤2 hr, RT	N/A	N/A	N/A
ALT/ SGOT	Universal precautions	SST, Red, Green (Li Heparin) minimum volume 1 ml	≤2 hr, RT	N/A	N/A	N/A
AMON/ Ammonia	Universal precautions	Purple top (EDTA anticoagulant) minimum volume 1 ml	Immediate	Freeze if unable to test immediately	N/A	N/A
AMYL/ Amylase	Universal precautions	SST, Red, Green (Li Heparin) minimum volume 1 ml	≤2 hr, RT	N/A	N/A	N/A
AST/ SGPT	Universal precautions	SST, Red, Green (Li Heparin) minimum volume 1 ml	≤2 hr, RT	N/A	N/A	N/A
BUN	Universal precautions	SST, Red, Green (Li Heparin) minimum volume 1 ml	≤2 hr, RT	N/A	N/A	N/A
CALCIUM	Universal precautions	SST, Red, Green (Li Heparin) minimum volume 1 ml	≤2 hr, RT	N/A	N/A	N/A
CHOLESTEROL	Universal precautions	SST, Red, Green (Li Heparin) minimum volume 1 ml	≤2 hr, RT	N/A	N/A	N/A
CK/ Total Creatine Kinase	Universal precautions	SST, Red, Green (Li Heparin) minimum volume 1 ml	≤2 hr, RT	N/A	N/A	N/A
CARB/ Tegretol	Universal precautions	SST, Red, Green (Li Heparin) minimum volume 1 ml	≤2 hr, RT	N/A	N/A	N/A
CREAT/ Creatinine	Universal precautions	SST, Red, Green (Li Heparin) minimum volume 1 ml	≤2 hr, RT	N/A	N/A	N/A
BILIRUBIN (Direct)	Universal precautions	SST, Red, Green (Li Heparin) minimum volume 1 ml	≤2 hr, RT	N/A	N/A	N/A
DIGOXIN	Universal precautions	SST, Red, Green (Li Heparin) minimum volume 1 ml	≤2 hr, RT	N/A	N/A	N/A

CO2	Universal precautions	SST, Red, Green (Li Heparin) minimum volume 1 ml	≤2 hr, RT	N/A	N/A	N/A
FERRITIN	Universal precautions	SST, Red, Green (Li Heparin) minimum volume 1 ml	≤2 hr, RT	N/A	N/A	N/A
FREE T4	Universal precautions	SST, Red, Green (Li Heparin) minimum volume 1 ml	≤2 hr, RT	N/A	N/A	N/A
GENTAMICIN	Universal precautions	SST, Red, Green (Li Heparin) minimum volume 1 ml	≤2 hr, RT	N/A	N/A	N/A
GLUCOSE	Universal precautions	SST, Red, Green (Li Heparin) minimum volume 1 ml	≤2 hr, RT	N/A	N/A	N/A
TIBC/ Total Iron Binding Capacity	Universal precautions	SST, Red, Green (Li Heparin) minimum volume 1 ml	≤2 hr, RT	N/A	N/A	N/A
IRON	Universal precautions	SST, Red minimum volume 1 ml	≤2 hr, RT	N/A	N/A	N/A
LDH	Universal precautions	SST, Red, Green (Li Heparin) minimum volume 1 ml	≤2 hr, RT	N/A	N/A	N/A
MAGNESIUM	Universal precautions	SST, Red, Green (Li Heparin) minimum volume 1 ml	≤2 hr, RT	N/A	N/A	N/A
PREALBUMIN	Universal precautions	SST, Red, Green (Li Heparin) minimum volume 1 ml	≤2 hr, RT	N/A	N/A	N/A
PHOSPHORUS	Universal precautions	SST, Red, Green (Li Heparin) minimum volume 1 ml	≤2 hr, RT	N/A	N/A	N/A
PHENYTOIN	Universal precautions	SST, Red, Green (Li Heparin) minimum volume 1 ml	≤2 hr, RT	N/A	N/A	N/A
BILIRUBIN (total)	Universal precautions	SST, Red, Green (Li Heparin) minimum volume 1 ml	≤2 hr, RT	N/A	N/A	N/A
TRIGLYCERIDE	Universal precautions	SST, Red, Green (Li Heparin) minimum volume 1 ml	≤2 hr, RT	N/A	N/A	N/A
URIC ACID	Universal precautions	SST, Red, Green (Li Heparin) minimum volume 1 ml	≤2 hr, RT	N/A	N/A	N/A
VALPROIC ACID	Universal precautions	SST, Red, Green (Li Heparin) minimum volume 1 ml	≤2 hr, RT	N/A	N/A	N/A
VANCOMYCIN	Universal precautions	SST, Red, Green (Li Heparin) minimum volume 1 ml	≤2 hr, RT	N/A	N/A	N/A
EP1/ BMP	Universal precautions	SST, Red, Green (Li Heparin) minimum volume 1 ml	≤2 hr, RT	N/A	N/A	N/A
METAPNL/ Comprehensive Metabolic Panel	Universal precautions	SST, Red, Green (Li Heparin) minimum volume 1 ml	≤2 hr, RT	N/A	N/A	N/A
LIVER/ Liver Panel	Universal precautions	SST, Red, Green (Li Heparin) minimum volume 1 ml	≤2 hr, RT	N/A	N/A	N/A
FATS/ Lipid Profile	Universal precautions	SST, Red, Green (Li Heparin) minimum volume 1 ml	≤2 hr, RT	N/A	N/A	N/A
KIDNEY/ BMP with Phos and Albumin	Universal precautions	SST, Red, Green (Li Heparin) minimum volume 1 ml	≤2 hr, RT	N/A	N/A	N/A
IRON STUDIES (IS)	Universal precautions	SST, Red minimum volume 1 ml	≤2 hr, RT	N/A	N/A	N/A
POC TROP/ Troponin I	Universal precautions	Purple top (EDTA anticoagulant) minimum volume 1 ml	≤2 hr, RT	N/A	Repeat every 6 hours for 3 replicates as ordered by MD	Specimen must be tested within 4 hours of collection.

POC CKMB/ CKMB	Universal precautions	Purple top (EDTA anticoagulant) minimum volume 1 ml	≤2 hr, RT	N/A	Repeat every 6 hours for 3 replicates as ordered by MD	Specimen must be tested within 4 hours of collection.
POC MYO/ Myoglobin	Universal precautions	Purple top (EDTA anticoagulant) minimum volume 1 ml	≤2 hr, RT	N/A	Repeat every 6 hours for 3 replicates as ordered by MD	Specimen must be tested within 4 hours of collection.
POC BNP/ BNP	Universal precautions	Purple top (EDTA anticoagulant) minimum volume 1 ml	≤2 hr, RT	N/A	Repeat every 6 hours for 3 replicates as ordered by MD	Specimen must be tested within 4 hours of collection.
POC DDIMER/ D-Dimer	Universal precautions	Purple top (EDTA anticoagulant) minimum volume 1 ml	≤2 hr, RT	N/A	Repeat every 6 hours for 3 replicates as ordered by MD	Specimen must be tested within 4 hours of collection.
CBC	Universal precautions	Purple top (EDTA anticoagulant) minimum volume 1 ml	≤2 hr, RT	N/A	N/A	N/A
CBCD/ CBC with Differential	Universal precautions	Purple top (EDTA anticoagulant) minimum volume 1 ml	≤2 hr, RT	N/A	N/A	N/A
ESR/ Sed Rate	Universal precautions	Purple top (EDTA anticoagulant) minimum volume 2 ml	≤2 hr, RT	N/A	N/A	N/A
PT/ INR	Universal precautions	Blue top (Na Citrate) minimum volume 1.4 ml in Sarstedt tube and 2.7 ml in vacutainer tube	≤2 hr, RT	N/A	N/A	Mix thoroughly to avoid specimen clotting
aPTT	Universal precautions	Blue top (Na Citrate) minimum volume 1.4 ml in Sarstedt tube and 2.7 ml in vacutainer tube	≤2 hr, RT	N/A	N/A	Mix thoroughly to avoid specimen clotting
HPTT	Universal precautions	Blue top (Na Citrate) minimum volume 1.4 ml in Sarstedt tube & 2.7 ml in vacutainer tube	≤2 hr, RT	N/A	N/A	Mix thoroughly to avoid specimen clotting
i-STAT Chem8+	Universal precautions	Green top (Li Heparin) minimum volume 1 ml	Immediate	N/A	N/A	Drawn by Clinical Supervisors after lab hours and given to Respiratory Therapy for testing
i-STAT G3+ (Arterial blood gas)	Universal precautions	Green top (Li Heparin) minimum volume 1 ml	Immediate	N/A	N/A	Drawn and Run by Respiratory Therapy
Accu-Check CBG	Universal precautions	Fingerstick sample or venous sample collected in SST, Red, Purple top (EDTA) or Green top (Li Heparin)-minimum of 1 drop	Immediate	N/A	N/A	Testing performed by Nursing and CNA staff. Drop of venous blood may be obtained from Phlebotomy staff if necessary.
Sendout Testing	Universal precautions	Refer to http://www.labreference.com	Refer to http://www.labreference.com	Regular Courier pickups throughout the day or call 353-6000 option 2	Refer to http://www.labreference.com	Refer to Lab Send out procedure for procedural questions or call 353-6000 option 5