

**LSUHSC-SHREVEPORT
POLICY AND INFORMATION MANUAL**

**CARDIOPULMONARY SERVICES
CONTACT PERSON: SHATARSHEA MURRAY, EXTENSION 55490
HOURS OF OPERATION: 24 HOURS/DAY**

| Test Description | Specimen Type | Tube Type | Special Instructions or Information | Patient Preparation |
|---|---------------------------------------|--|--|----------------------------|
| Blood gas analysis Measured values: pH, pCO ₂ , O ₂ Calculated values: B.E., HCO ₃ , O ₂ sat. | Blood, arterial, venous, mixed venous | Heparin syringe or capillary tubes provided by Cardiopulmonary | If the sample is picked up, provide patient information and any oxygen or ventilator settings at the time the sample was drawn. Information entered into Radiometer ABL 800 analyzer by Cardio. Technicians. | None |
| Cooximeter Analysis Measured values: tHb, HbCO, HbO ₂ MetHb, HbH, HbO ₂ sat | Blood, arterial, venous, mixed venous | Heparin syringe or capillary tubes provided by Cardiopulmonary | If the sample is picked up, provide patient information and any oxygen or ventilator settings at the time the sample was drawn. Information entered into Radiometer ABL 800 analyzer by Cardio. Technicians. | None |
| Miscellaneous/Metabolites p50 Lactate | Blood, arterial, venous, mixed venous | Heparin syringe or capillary tubes provided by Cardiopulmonary | Venous sample required for p50. | None |
| Stat electrolytes Measured values: Na, K, Ca _{ionized} | Blood, arterial, venous, mixed venous | Heparin syringe or capillary tubes provided by Cardiopulmonary | If the sample is picked up, provide patient information and any oxygen or ventilator settings at the time the sample was drawn. Information entered into Radiometer ABL 800 analyzer by Cardio. Technicians. | None |

Notes:

Requests for Cardiopulmonary Services lab tests are ordered in the Invision computer. Orders for an AM draw or a set time request can simply be ordered in the Invision system as an AM ABG or an ABG at a certain time.

For all orders, the nurse or clerk should have the operator page the assigned technician. The technician will then obtain the specimen and analyze it. Venous samples are obtained by the nurse or physician and given to the technician or therapist who will take the sample and analyze it. Mixed venous samples are obtained by the respiratory therapist, nurse, or physician and given to the technician or therapist who will take the sample and analyze it.

Contact the supervisor or charge therapist by paging beeper 0202 for additional information.