
Lab Dept: Hematology

Test Name: HEMOGLOBIN, PUMP

General Information

Lab Order Codes: HGBP

Synonyms: Hemoglobin, Pump, Whole Blood

CPT Codes: 85018 – Blood count; hemoglobin

Test Includes: Pump hemoglobin measured in g/dL.

Logistics

Test Indications: Useful for determining the hemoglobin of the pump prime solution prior to certain procedures such as ECMO or heart surgery.

Lab Testing Sections: Chemistry

Phone Numbers: MIN Lab: 612-813-6280

STP Lab: 651-220-6550

Test Availability: Daily, 24 hours

Turnaround Time: 2 hours

Special Instructions: For use by ECMO/heart surgery only. Specimen may be tested at the bedside by POC, or forward promptly to the lab at ambient temperature.

Specimen

Specimen Type: Whole blood

Container: Heparin blood gas syringe

Draw Volume: 0.4 mL blood

Processed Volume: 0.2 mL blood

Collection: The specimen is collected from the ECMO pump.

Special Processing: Lab Staff: **Do not** centrifuge. Specimen should be delivered to blood gas workstation for analysis.

Patient Preparation: None

Sample Rejection: Clotted sample; mislabeled specimen or unlabeled specimen

Interpretive

Reference Range: Undetermined

Critical Values: N/A

Limitations: N/A

Methodology: Radiometer ABL 825

Contraindications: This test is not indicated for general patient assessment.

References: Children's Hospitals and Clinics, November, 2011