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**Lab Dept:** Hematology

**Test Name:** HEMOGLOBIN, PUMP

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***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.

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***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.

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***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

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***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