Lab Dept: Hematology

Test Name: HEMATOCRIT, PUMP

General Information
Lab Order Codes: HCTP
Synonyms: Hematocrit, Pump, Whole Blood
CPT Codes: 85014 – Other than spun hematocrit
Test Includes: Pump hematocrit measured as a per cent.

Logistics
Test Indications: Useful for determining the hematocrit 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 IRMA, 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 or unlabeled specimen

**Interpretive**

**Reference Range:** Undetermined

**Critical Values:** N/A

**Limitations:** N/A

**Methodology:** Calculation, Radiometer ABL 825

**References:** Children's Hospitals and Clinics, October, 2004