
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