

TEST STATUS**NOTIFICATION DATE:** December 22, 2015**EFFECTIVE DATE:** January 20, 2016**OXYGEN DISSOCIATION, P50, ERYTHROCYTES**

Test ID: P50

EXPLANATION: Effective January 20, 2016 the P50- Oxygen Dissociation, P50, Erythrocytes will become obsolete. It will be replaced with the test code below.

RECOMMENDED ALTERNATIVE TEST:**OXYGEN DISSOCIATION, P50, ERYTHROCYTES**

Test ID: P50B

Profile Information

Test ID	Reporting Name	Available Separately	Always Performed
PINT	P50 Interpretation	No	Yes
P50P	Oxygen Dissociation P50	No	Yes
CTRL	P50 Shipping Control Vial	No	Yes

METHOD: Hemox-Analyzer Measures and Plots O2 Saturation**REFERENCE VALUES:** > or =12 months: 24-30 mm Hg

Reference values have not been established for patients who are <12 months of age.

SPECIMEN REQUIREMENTS:**Specimens must arrive within 72 hours of draw.****A whole blood sodium heparin specimen and a control specimen are required.****Patient:****Container/Tube:** Green top (sodium heparin)**Specimen Volume:** 5 mL**Minimum Volume:** 1mL**Collection Instructions:**

1. Immediately refrigerate specimens after draw. Keep at refrigerated temperatures 2 to 8 degrees C. Do not freeze. Freezing causes sample lysis, and tests will not be performed on hemolyzed specimens.
2. Send specimen in original tube. Do not aliquot.
3. Rubber band patient specimen and control vial together. Control must accompany the patient sample at all times to ensure the reliability of testing results.
4. Be sure specimen and control are stored and transported together at refrigerate temperature, carefully following proper handling and shipping instructions.

Additional Information: Patient's age and sex are required.

Normal Shipping Control:**Container/Tube:** Green top (sodium heparin)**Specimen Volume:** 5 mL**Collection Instructions:**

1. Draw a control specimen from a normal (healthy), unrelated, nonsmoking person at the same time as the patient.
2. Label clearly on outermost label normal control.
3. Immediately refrigerate specimen after draw. Keep at refrigerated temperatures 2 to 8 degrees C. Do not freeze.
4. Send specimen in original tube. Do not aliquot.
5. Rubber band patient specimen and control vial together. Control must accompany the patient sample at all times to ensure the reliability of testing results.

SPECIMEN STABILITY INFORMATION:

Specimen Type	Temperature	Time
Control	Refrigerated	72 hours
WB Sodium Heparin	Refrigerated	72 hours

CPT CODE: 82820**DAY(S) SET UP:** Monday through Sunday **ANALYTIC TIME:** 1 day

QUESTIONS: Contact your Mayo Medical Laboratories' Regional Manager or
Julie Breider, MML Laboratory Technologist Resource Coordinator
Telephone: 800-533-1710