Test Definition: P50

Oxygen Dissociation, P50, Erythrocytes

Reporting Title: Oxygen Dissociation P50, RBC
Performing Location: Rochester

Specimen Requirements:

See Recommendations for Collection of Control Specimens for P50 and REVP in Special Instructions.

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
Collection Instructions:
1. Immediately refrigerate specimens after draw.
2. Do not transfer blood to other containers.
3. Rubber band patient specimen and control vial together.
Additional Information: Patient's age and sex are required.
Forms: If not ordering electronically, please submit a Hematopathology/Molecular Oncology Request Form (Supply T241) with the specimen.

Normal Control:
Container/Tube: Green top (sodium heparin)
Specimen Volume: 5 mL
Collection Instructions:
1. Draw a control specimen at the same time from a normal, unrelated, non-smoking individual.
2. Clearly write normal control on outermost label.
3. Immediately refrigerate specimens after draw.
4. Do not transfer blood to other containers.
5. Rubber band control vial and patient specimen together.

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

Result Codes:

Result ID	Reporting Name	Type	Unit	LOINC®
9110	Oxygen Dissociation P50, RBC	Numeric	mm Hg	19214-6
2103	P-50	Alphanumeric		In Process

Test Definition: P50

Oxygen Dissociation, P50, Erythrocytes

Components:

Test ID	Reporting Name	CPT Units	CPT Code	Always Performed	Orderable Separately
P50X	Oxygen Dissociation P50			Yes	No
P50C	P50 Interpretation			Yes	No

CPT Code Information:

82820

Reference Values:

24-30 mm Hg