

Memo

To: AML Reference Laboratory Clients
From: Allina Medical Laboratories, Reference Laboratory Services
Date: July 7, 2008
Re: Oxygen Dissociation, P50

We have received notice from Mayo Medical Laboratories(MML) that their instrument issue with the Oxygen Dissociation, P50 analysis has been resolved and this test is once again available. Please note that there has been a slight change to the reference range for this test. The previous range was 24-32 mm Hg, and the new range is *24-30 mm Hg*.

Test Name: Oxygen Dissociation, P50
Test Number: 994/MSO
Collect: 5.0 ml Heparin Whole Blood
Patient and Control
Peds Collect: 1.0 ml Heparin Whole Blood
Container: 2 - 5.0 ml Green Top (Heparin) Tubes
Processing: Do Not Open/ Do Not Spin
Transport/Stability: Refrigerated: Must be received by Mayo within 72 hours of Draw.
Performing Lab: Mayo Medical Labs (9110)
Days Set Up: M - Sa
Expected TAT: 1- 2 Days
Ref. Ranges: 24-30 mmHg
**Collection/
Processing Details:** Draw 5.0 ml Heparin (Green tube without Gel) for patient and at the same time draw 5.0 ml Heparin (Green tube without gel) from Non- related, Non-smoking individual as the Control. Label tubes - Patient and Control and send both to AML to be forwarded to MML for testing.
Method: Dual Spectrophotometric
CPT Codes: 82820-50
Clinical Utilities: [Hemoglobin - O2 Affinity Algorithm](#)
Date Created: 12/06/2007
Revised Date: 07/07/2008