

**REPORTING AND REFERENCE
VALUE CHANGE**

NOTIFICATION DATE: July 27, 2010

EFFECTIVE DATE: September 1, 2010

**Plasma Hemoglobin, Plasma
#9096**

EXPLANATION: Plasma Hemoglobin testing will undergo a reporting format change in which an additional reporting field for Oxyhemoglobin will be added to the test set-up. An internal reference value study was performed to replace existing reference values.

NOTE: A new file definition is required for this change.

CURRENT REFERENCE VALUES:

0-13 days: 39 mg/dL (mean)

2-11 weeks: 22 mg/dL (mean)

3-23 months: 16 mg/dL (mean)

2-17 years: 10 mg/dL (mean)

> or = 18 years: 0-15 mg/dL

*Meites S: Pediatric Clinical Chemistry: A Survey of Reference
(Normal Values, Methods, and Instrumentation, with Commentary).
Washington, DC, American Association for Clinical Chemistry, 1981

NEW REFERENCE VALUES:

Total Hemoglobin

> or = 18 years: 0.0-15.2 mg/dL

Oxyhemoglobin

> or = 18 years: 0.0-12.4 mg/dL

SPECIMEN REQUIREMENTS: Draw blood in a lavender top EDTA tube(s). Spin down immediately (within 2 hours) and send 2.0 mL EDTA plasma at refrigerate temperature.