

**University of Colorado Hospital – Clinical Laboratory
Point of Care Testing Program
HemoCue Hb 201+ Competency Test**

Name: _____ **Unit:** _____ **Operator ID:** _____ **Date:** _____

True/False

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| <p>_____ 1. Standard Precautions must be used when collecting blood samples.</p> <p>_____ 2. When collecting samples, it is necessary to check one patient identifier before performing the test.</p> <p>_____ 3. Fresh capillary blood collected into the HemoCue cuvette or well mixed venous blood is acceptable for analysis.</p> <p>_____ 4. Microcuvettes kept in vial are stable until the expiration date when stored at room temperature.</p> <p>_____ 5. It is acceptable to store Microcuvettes in the refrigerator.</p> <p>_____ 6. The HemoCue Hb 201+ analyzer has an internal electronic “SELFTEST” that automatically verifies the performance of its optronic unit each time the analyzer is turned “ON”.</p> <p>_____ 7. All levels of controls are furnished ready for use.</p> | <p>_____ 8. It is acceptable to assay and report patient results if the Bio-Rad Meter Trax™ Low and High Controls are not in the acceptable control ranges.</p> <p>_____ 9. Unopened vials of control are stable until the expiration date stated by the manufacturer when stored at 2-8° C.</p> <p>_____ 10. Hemoglobin is commonly measured to rule out anemia.</p> <p>_____ 11. It is important to add the blood sample to the cuvette in one continuous motion.</p> <p>_____ 12. It is acceptable to use the cuvette if air bubbles are present in the center of the cuvette containing the blood sample.</p> <p>_____ 13. The patient’s caregiver must be notified of any critical result.</p> <p>_____ 14. Expected control results vary depending upon each specific control lot number.</p> <p>_____ 15. HemoCue Hb 201+ results are reported as g/dL.</p> |
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Multiple Choice

16. The specimen (s) of choice for HemoCue Hb 201+ testing is
- a. fresh capillary whole blood from a fingerstick.
 - b. venous or arterial blood collected in EDTA.
 - c. venous or arterial blood collected in heparin.
 - d. all of the above.
 - e. a,b
 - f. a,c
17. Two levels of Bio-Rad Metrax Controls, Low and High, are run
- a. each time the instrument is used for patients.
 - b. once a day when the instrument is used for patients.
 - c. with each new shipment and new lot of microcuvettes.
 - d. once a year.
18. Results above 25.6 g/dL are displayed as
- a. HHH.
 - b. LLL.
 - c. the numeric result.
 - d. ???.
19. Proper procedure for performing HemoCue Hb 201+ testing includes
- a. using arterial blood only.
 - b. mixing all samples thoroughly on a mechanical mixer for at least 2 minutes.
 - c. allowing the refrigerated blood specimen to warm to room temperature before testing.
 - d. using venous blood only
 - e. b,c
 - f. a,b
20. Proper infection control criteria include
- a. discarding empty vials of controls in an appropriate biohazard waste container.
 - b. utilizing Standard Precautions when collecting specimens and performing test procedures
 - c. disinfecting with 10% bleach solution where a large patient sample spill has occurred.
 - d. all of the above.
 - e. none of the above.