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Name_____

Estimating Hemoglobin Concentration Worksheet

Observations

Estimated hemoglobin concentration in blood sample: _____

Post-Lab Questions

1. What estimated hemoglobin concentration would be expected if someone had iron-deficiency anemia?

2. The colorimetric test for hemoglobin was developed by the World Health Organization for use by field doctors in extremely poor areas of the world. What are some of the benefits of using a colorimetric test in these areas?

3. Describe two simple steps everyone can take to be sure they get enough iron.

4. Name two common medical treatments that may be used to increase hemoglobin levels in the blood.

5. People with borderline anemia often complain of being tired, lethargic, and fatiguing easily. Explain these symptoms based on the role of iron and red blood cells.

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