

Part I: Simulated Hematocrit

Directions: Determine the hematocrit of 6 unknown samples.

Materials: 6 Unknown samples Labeled A-F

Ruler (mm)

Centrifuge (if necessary to ensure samples are completely separated)

Data Table:

Test Tube Samples: _____

Samples	Height of RBC	Height of Blood	Hematocrit %	Analysis
A				1. 2.
B				1. 2.
C				1. 2.
D				1. 2.
E				1. 2.
F				1. 2.

For your analysis provide at least two medical reasons to account for the levels of this Hematocrit. Those medical reasons can be based on gender, age, lifestyle factors, disease, hydration levels, pregnancy and altitude of patient (these are not exhaustive). Not all medical reasons need to be abnormal, just accurate.

Part I: Simulated Hematocrit

Directions: Match the correct Hematocrit to the patient card; return your patient cards (no marking)

Materials: 10 Hematocrit Cards 1-10
 10 Patient Cards A-J

No ruler necessary; major lines = 5. Highest value is 35.

Hematocrit	Patient	Why did you pair this patient with this Hematocrit? Cite specific evidence in your answer.	Would you treat this patient based on any findings from your Hematocrit test and their symptoms? (If so, what would you do?)
1			
2			
3			
4			

HEMATOCRIT LAB

Name: _____

Hematocrit	Patient	Why did you pair this patient with this Hematocrit? Cite specific evidence in your answer.	Would you treat this patient based on any findings from your Hematocrit test and their symptoms? (If so, what would you do?)
5			
6			
7			
8			
9			

HEMATOCRIT LAB

Name: _____

Hematocrit	Patient	Why did you pair this patient with this Hematocrit? Cite specific evidence in your answer.	Would you treat this patient based on any findings from your Hematocrit test and their symptoms? (If so, what would you do?)
10			