

Kastle-Meyer Presumptive Blood Testing Worksheet

Data Table

	Observations after performing Kastle-Meyer Test	Is the sample likely blood?
Evidence #1		
Evidence #2		
Evidence #3		
Evidence #4		

Post-Lab Questions

1. Based on the observations of each evidence sample after application of the Kastle-Meyer test, which sample(s) likely contain blood? Record in the data table above.
2. If an evidence sample tested with Kastle-Meyer reagent indicated the presence of blood, does that mean it definitely is blood? If not, what else could it be?
3. What would be the next step in analyzing the blood sample if presumptive blood testing indicated the presence of blood?
4. Metals such as copper and nickel salts produce false positives in the Kastle-Meyer test. Explain why this produces the same result as hemoglobin in blood?
5. The Kastle-Meyer test can detect blood in extremely low concentrations, such as one drop of blood in 10,000 drops (400 mL) water. Explain why this is useful.