Name: _	 Block:

Presumptive Tests for Blood

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Many dark stains will look similar, and bloodstains are not always obvious. Investigators want to identify the presence of blood stains at a crime scene because stains can change the nature of the inquiry—what initially looks like a simple robbery might, instead, be an assault.

Procedure

1. Refer to your notes for instructions on how to perform each test!

Sample	Initial appearance	W/ hydrogen peroxide	W/ Kastle-Meyer	Luminol	Bromocresol Green
A:					
B:					
C:					
D:					

	Na	me:			Block:
	1. 2. 3.	Perform t POSSIBLE Do not for Based on stain. Is it	ORIGIN! rget to write down the number of your observations of your known t blood? If not, what could it be?	substances, make an identification Record your results in the analysis	on of your unknown is section.
San	nple	Number	Initial appearance	Luminol	Reaction with Kastle-Meyer
	_				
	An	alysis			
	1.	Was there	e a reaction when the Kastle Mey	v <mark>er + hydrogen peroxide</mark> was adde	ed to the samples?
	2.	Is this a u	seful test for blood? Why or why	not?	
	3.		ical formula for hydrogen peroxic nvolving hydrogen peroxide migh	de is H ₂ O ₂ . What do you think tha [,] t be?	t any gas given off in a
	4.	Based on	your results, was your unknown s	sample blood? Why or why not?	