

1. What color is a positive Simmons citrate agar slant?
2. What color is a positive urea broth?
3. What color is a phenol red glucose fermentation tube, positive for acid production?

4. _____ Helps show alpha-, beta-, and/or gamma-hemolysis.
5. _____ *E. coli* colonies show a metallic green sheen.
6. _____ Crystal violet inhibits the growth of gram-positive organisms.

Key for # 4 – 6:
 A. Blood Agar
 B. Eosin Methylene Blue Agar
 C. MacConkey Agar
 D. Mannitol Salt Agar

7. _____ Growth only near the top of a fluid thiglycollate tube.
8. _____ Growth only near the bottom of the tube.
9. _____ Growth throughout the tube, with no difference from top to bottom.

Key for # 7 – 9:
 A. Aerotolerant anaerobe
 B. Facultative anaerobe
 C. Obligate aerobe
 D. Obligate anaerobe

10. What two values would you list for the profile number for these results?

	ONPG 1	ADH 2	LDC 4	ODC 1	CIT 2	H2S 4
Results	-	+	-	+	+	+
Profile #						

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