

Differential Stains & Media for Identifying Bacteria

Name: _____

Differential Stains:

Name of Staining Procedure	Color of (+) stain reaction	Color of (-) stain reaction	What (+) result reveals about stained bacteria	What (-) result reveals about stained bacteria	Will stain tell me the species of bacteria present?
1.					
2.					
3.					

This assignment is from the [Virtual Microbiology Classroom](http://www.scienceprofonline.com/virtual-micro-main.html) (<http://www.scienceprofonline.com/virtual-micro-main.html>) on the free science education website [Science Prof Online](http://www.scienceprofonline.com) (ScienceProfOnline.com). Visit the website to find more science education resources such as lecture PowerPoints, practice test questions, review questions, science photos, video and assignments.

Specialized Media:

Name: _____

Name of Specialized Media	Is it selective? Explain.	Is it differential? Explain
1.		
2.		
3.		

* Provide as much detail as the media reveals. This means be sure that you answer is complete, in order to earn complete points.

** TSY (Tryptic Soy Agar) is an all-purpose media that will grow any bacteria that is not fastidious (a picky eater). Other than showing us what the bacterial colonies look like, TSY does not reveal much about the bacteria growing there.

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