**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. |  |  |  |  |  |

**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.