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Microbiological Test

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| **Across**  **3.** counterstain often used in the Gram staining procedures  **4.** type of media in which the exact chemical constitution is unknown  **5.** this differential stain is used to determine the presence of endospores  **8.** type media in which all chemical components are known  **9.** color of all bacteria after the primary stain is added  **13.** tool used to retrieve an inoculum from a culture of microorganisms  **16.** common microbiological technique used to isolate bacteria cultures  **19.** device used to grow and maintain microbiological cells and cultures  **20.** Gram's iodine is used as the \_\_\_\_\_\_\_ in the Gram staining procedure  **22.** this type of bacteria stains pink after the Gram stain procedure  **23.** device used to sterilize equipment and supplies by subjecting them to high-pressure saturated steam  **24.** what kills the bacteria and attaches the bacteria to the slide so that it does not easily wash away  **25.** a type of salt agar that is selective for Gram (+) organisms and differential for mannitol-fermenting organisms | **Down**  **1.** an agar that is selective for the cultivation of Gram (-) organisms and differential for the cultivation of lactose fermenting organism  **2.** this type of bacteria stains purple after the Gram stain procedure  **6.** \_\_\_\_\_\_\_\_\_ green stains endospores  **7.** the primary stain used in the Gram staining procedure  **10.** plating method in which a plate is prepared by pipetting a sample onto a prepared agar plate before spreading it evenly on the surface  **11.** the field of using microscopes to view objects and areas of objects that cannot be seen with the naked eye  **12.** an agar that is useful for determining the hemolytic capabilities of an organism  **14.** an agar that is selective for the cultivation of Gram (+) organisms  **15.** an agar that is differential for the cultivation of lactose fermenting organisms  **17.** plating method in which a plate is prepared by adding a sample first followed by a sterile medium  **18.** this differential stain is important for differentiating between two types of bacteria  **21.** this differential stain is used to determine a type of bacteria with nearly impermeable cell walls |