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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 |