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Microbiology Project Part 2

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| **Across**  **1.** during an \_\_\_\_\_\_\_\_\_ test, a positive reaction will turn the bacteria violet to purple immediately or within 10—30 seconds.  **4.** The Diff-quik is a type of \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ stain.  **6.** A partial hemolysis that creates greenish narrow band around the colony is considered a \_\_\_\_\_\_\_\_\_\_\_ hemolysis.  **9.** in a coagulase test, a positive reaction is indicated by a \_\_\_\_\_\_\_ formation.  **11.** You should \_\_\_\_\_\_\_ a MacConkey agar and Blood agar for at least 18-24 hours.  **14.** \_\_\_\_\_\_\_ prevents the bacteria from washing off, kills the bacteria, helps preserve cell morphology, and renders the bacteria permeable to the stain  **16.** \_\_\_\_\_\_\_\_ media has compounds that identify certain characteristics of organisms grown on media.  **17.** another name for a potassium hydroxide test is a \_\_\_\_\_\_\_\_ test.  **19.** Size, evaluation, form, density, texture, pigment, odor, and hemolysis on blood agars are all \_\_\_\_\_\_\_\_\_\_\_ of colony growth.  **20.** A \_\_\_\_\_\_\_\_\_\_\_ test is utilized to identify gram positive bacteria that are aerobic. | **Down**  **2.** during gram staining you should get your sample from an \_\_\_\_\_\_\_\_\_\_\_.  **3.** Place streak cultures in incubator \_\_\_\_\_\_\_\_\_\_.  **5.** \_\_\_\_\_\_\_\_ is used to grow and identify bacteria. Bacteria will grow in isolated colonies if properly used.  **7.** During the staining procedure you should flood the slide and let stand for 3-5 seconds with \_\_\_\_\_\_\_\_\_  **8.** the \_\_\_\_\_ method is the preferred method when streaking culture plates.  **10.** Gram \_\_\_\_\_\_\_\_ bacteria will retain the crystal violet-iodine complex.  **12.** Gram \_\_\_\_\_\_\_\_ bacteria will lose the crystal violet stain and purple/blue color through the decolorization process.  **13.** Careful not to \_\_\_\_\_\_\_\_\_ the slide. It can cause the cells to burst!  **15.** \_\_\_\_\_\_\_ and cool the wire loop before and after taking samples.  **18.** Allow the specimen to \_\_\_\_\_\_ on the slide then heat fix. |