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| **Across****3.** inverted tube in phenol red test**4.** \_\_\_\_\_\_\_\_\_\_\_\_\_\_ dilution**6.** Doubling time (with time)**8.** Bacterial growth on a plate**10.** Assay used to determine relative fitness**13.** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ coli**14.** Media used in the lab**17.** Gram positive colour**19.** Gram's counterstain**20.** Used with microscope 100X objective | **Down****1.** Method used to sterilize inoculating loop.**2.** Colour of spores in Schaeffer-Fulton stain**5.** Operational \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ unit**7.** Used to sterilize media**9.** Generates isolated colonies**11.** Kirby \_\_\_\_\_\_\_\_\_\_\_ diffusion assay**12.** Add bacteria to fresh growth media.**15.** Growth phase with exponential growth**16.** Gelling agent added to growth media.**18.** Method used to amplify DNA |