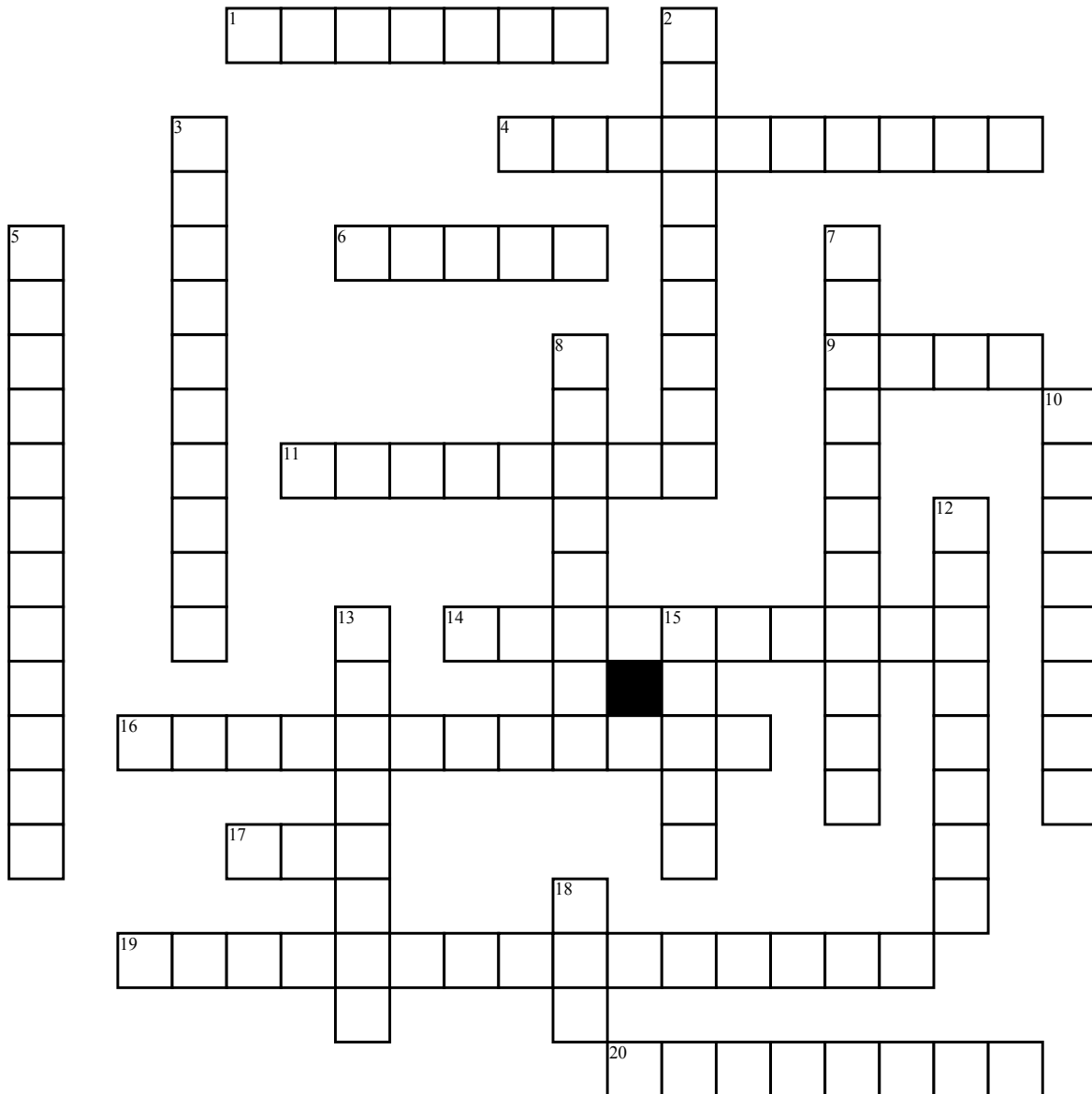


# Microbiology Project Part 2



**Across**

- 1. during an \_\_\_\_\_ test, a positive reaction will turn the bacteria violet to purple immediately or within 10—30 seconds.
- 4. The Diff-quick 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.