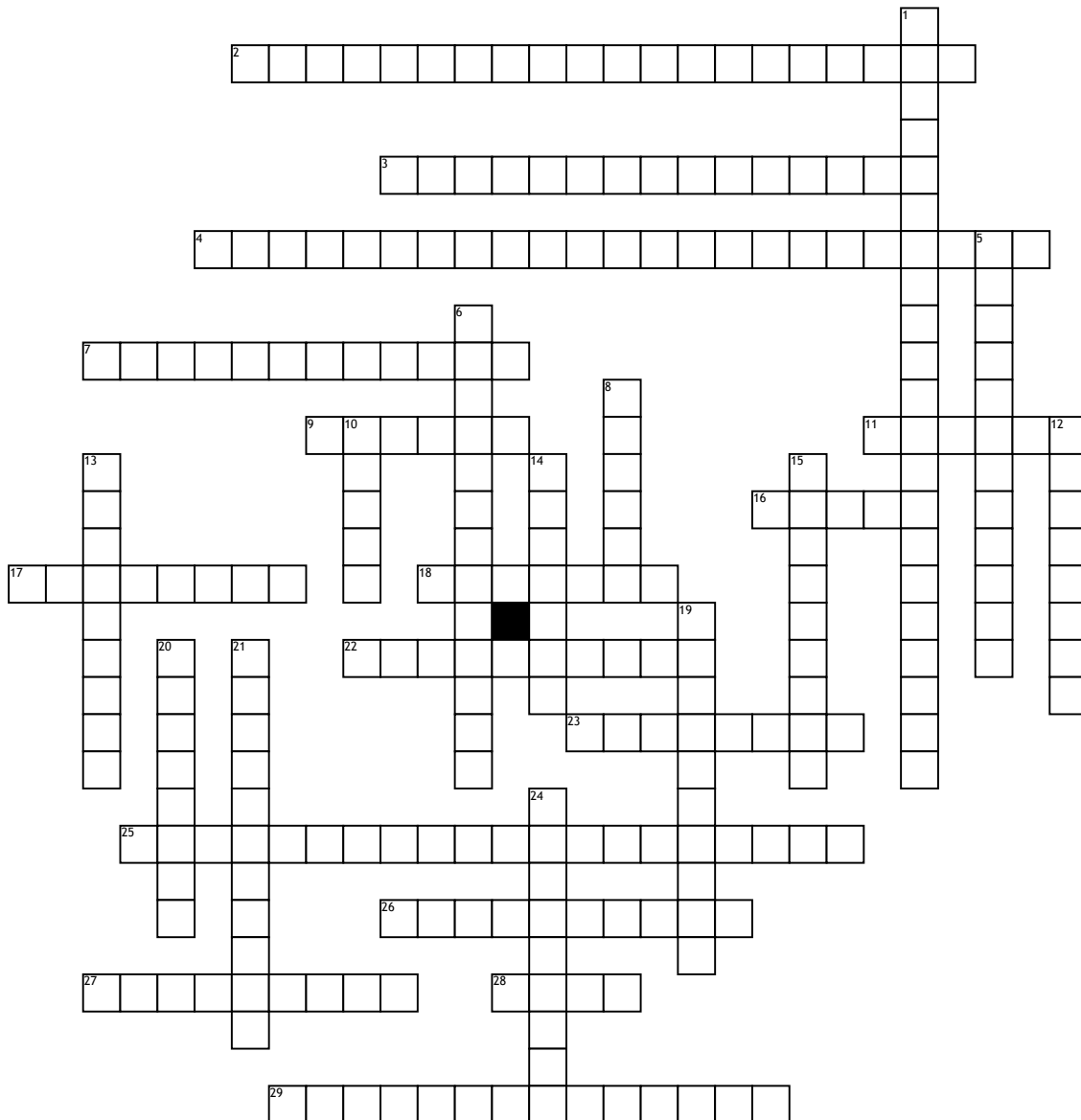


Forensics Vocab.



Across

2. are antibodies that are secreted by different B cell lineages within the body
 3. used to identify the presence of semen
 4. any type of microscopy where the light is transmitted from a source on the opposite side of the specimen from the objective
 7. an image that is virtual
 9. one of two or more alternative forms of a gene
 11. carries the clotting factors of the blood
 16. a mixture used for analysis
 17. the genetic constitution of an individual organism.
 18. fights against different blood types
 22. contain the pigment hemoglobin, which imparts the red color to blood, and transport oxygen and carbon dioxide to and from the tissues.

23. the scientific study or diagnostic examination of blood serum
 25. the part of an antigen that is recognized by the antibody
 26. an antibody that produces a visible precipitate when it reacts with its antigen.
 27. a lens system under the microscope stage that collects light rays from the base illuminator and focuses them on the specimen
 28. what determines genetics
 29. A hybrid cell used as the basis for the production of antibodies in large amounts for diagnostic

Down

1. any type of microscopy where the light is reflected
 5. male fertility issue characterized by a low sperm count
 6. the clumping of particles

8. used for forensic DNA analysis is HaeIII
 10. the position of a gene or mutation on a chromosome.
 12. describes the condition where there are no sperm present in the male semen
 13. observable characteristics of an individual
 14. to detect trace amounts of blood at crime scenes, as it reacts with the iron in hemoglobin.
 15. an image that is real
 19. what is carried by the red blood cells
 20. protein in the blood plasma used by the immune system to identify and neutralize bacteria, viruses, and other foreign objects
 21. the view you have through a telescope
 24. used to tell which blood type a sample of blood is