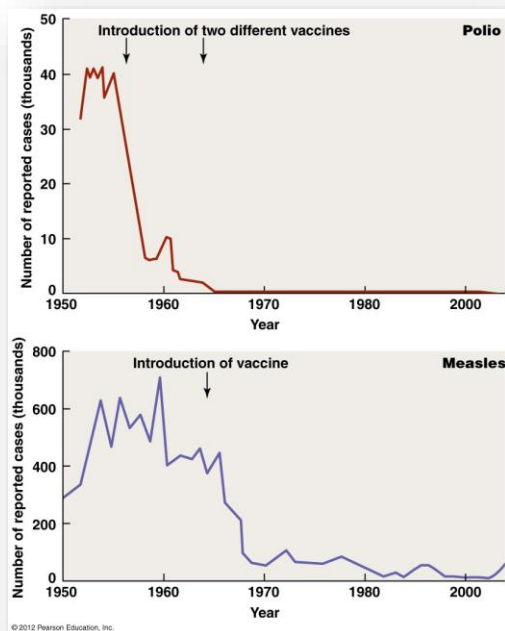


PRINT AND HANDWRITE YOUR ANSWERS!

1. Summarize the brief history of immunization discussed.

2. Define active immunization.

3. Describe what these graphs are depicting:



4. Describe attenuated vaccines:

5. Describe inactivated (killed vaccines):

6. Describe toxoid vaccines:

7. What are combination vaccines?

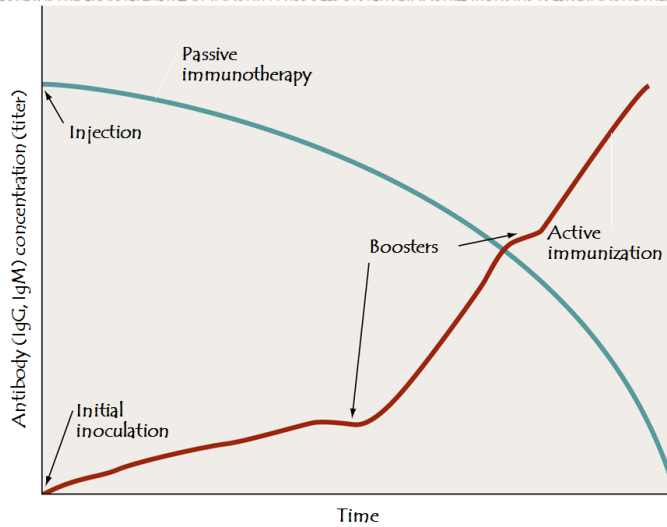
8. Describe vaccines using recombinant gene technology:

9. Describe what happens with the Covid-19 mRNA vaccine:

10. Define passive immunization.

11. Based on this graph, what confers long-term immunity? Active or passive immunization? Explain.

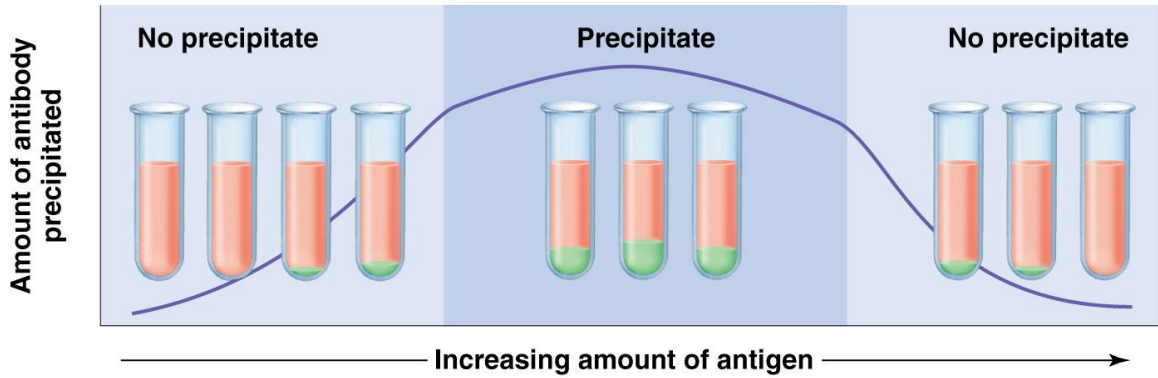
FIGURE 17.5 THE CHARACTERISTICS OF IMMUNITY PRODUCED BY ACTIVE IMMUNIZATION AND PASSIVE IMMUNOTHERAPY



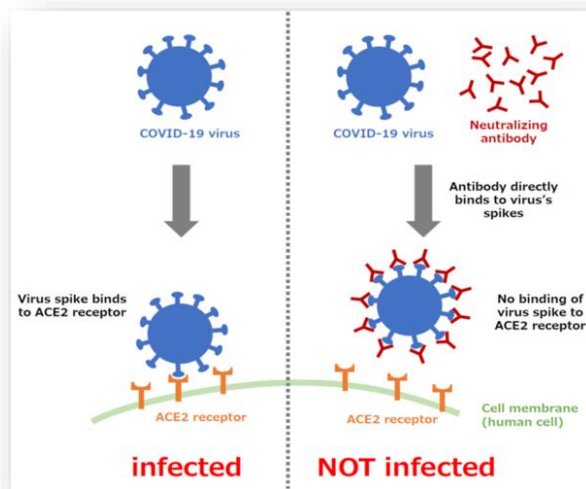
12. Define serology.

13. Draw an immune complex.

14. Draw what is happening at each step of this precipitation test.



15. Describe what is happening here:



16. What is an ELISA?

17. What is Point-of-Care testing?

18. Describe how this Covid-19 rapid antigen test works:

