

38 A vaccine is used to create artificial active immunity. After a person has been given a vaccine, it takes a period of time before they develop long-term immunity to the disease.

Which statement about this period of time explains the delay in developing long-term immunity?

- A** No memory cells have been produced from B-lymphocytes.
- B** No plasma cells have been produced from B-lymphocytes.
- C** The primary immune response has **not** produced enough antibodies.
- D** The secondary immune response has **not** produced enough antibodies.