

Immunity

Revision notes · Active immunity: defence against a pathogen by making antibodies, gained after an infection or by vaccination.

For Cambridge IGCSE Combined Science 0653. **Supplement** is Extended content, only examined on Papers 2 and 4.

Immunity **Spec B10.1** **Supplement**

Antigens, antibodies and active immunity **Spec B10.1.7, B10.1.8**

Active immunity is defence against a pathogen by antibody production in the body. It is gained in two ways:

- after an infection by a pathogen (the body makes antibodies and recovers)
- by vaccination

Quick check

1. **Supplement** What is active immunity?
2. **Supplement** State two ways in which active immunity is gained.

Quick check answers

Immunity

1. Defence against a pathogen by antibody production in the body.
2. After an infection by a pathogen, and by vaccination.