

Name _____

Immune Memory: The Superheroes of Immunity

Short Answer Key

1. Immune memory helps the body fight off illnesses by allowing memory cells to recognize and attack invaders they've encountered before.
2. Memory cells are cells in the immune system that remember past encounters with invaders. They recognize the invaders if they enter the body again and launch a rapid, targeted attack.
3. Vaccines take advantage of immune memory by triggering the immune system to produce memory cells without causing illness. This prepares the body to fight off the real virus or bacteria if exposed in the future.
4. Immune memory is compared to having a library in the body because it stores information about past encounters with invaders, allowing the body to respond more quickly and effectively to future threats.
5. Immune memory is beneficial for overall health because it helps the body fight off illnesses and infections more effectively, reducing the risk of getting sick.

