

Active Immunity

Active immunity is the resistance developed by an individual in response to an antigenic stimulus. The antigen may gain entrance either by natural infection or through any other sources such as artificial immunization by vaccination.

Active immunity involves the synthesis of specific antibodies (humoral immunity) or production of immunologically active cells (cell mediated immunity).

Natural active immunity is developed by the host in response to the antigen that enters by natural infections.

e.g. A person attacked by measles or small pox develops natural immunity as he recovers from the disease.

Artificial active immunity is attained by the host in response to the antigen got by vaccination.