

IMMUNE STATUS CHANGE THROUGH VACCINE RECIPIENT

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ABSTRACT

Vaccines, it's a kind of biological preparations which is artificial. Vaccines will be used to maintain immunity of a specific disease. There are different types of vaccine discovered from the Jenners live, attenuated vaccine to DNA vaccine. Vaccination and immunization are closely related to each other. Human immune system can produce unlimited variety of different antibodies that response to the antigens (vaccines). Different types of vaccines produce different mechanism inside the body. Influenza vaccine is one of them which produce different immune mechanism into the body and induce the body's immune system. However, vaccines have a great role in the body's defense system.

KEYWORDS: *Vaccine, Biological Preparation, DNA Vaccine, Immunity, Antigen, Antibody, Immune System*

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