

MF59-like Adjuvant (Product Name: WGa01 Adjuvant)
Squalene-based Oil-in-Water Adjuvant

For Research Use Only

[Product Name] WGa01

[Description] WGa01 is an oil-in-water emulsion adjuvant developed with reference to the MF59 adjuvant. When added to vaccines, it enhances the body's adaptive immune response to antigens.

[Composition and Characteristics] The main components are squalene, polysorbate 80 (Tween 80), and sorbitan trioleate (Span 85). This product is a milky-white oil-in-water emulsion.

[Intended Use] Induces antibody production and activates T cells.

[Applicable Animals] Suitable for mice, rats, guinea pigs, and rabbits.

[Immunization Dosage] Mice: 50 µL; rats and guinea pigs: 100–200 µL; rabbits: 250–500 µL

[Immunization Method] Intramuscular injection. Dissolve the protein in PBS to match the dosage of the adjuvant. Add the adjuvant to the antigen and mix gently by pipetting until uniform to immunize the animals. Typically, administer three immunizations on days 0, 21, and 42.

[Precautions]

1. WGa01 is a milky-white (milk-like appearance) oil-in-water emulsion. Before use, visually inspect for precipitation or discoloration. Do not use if abnormalities are observed.
2. Prepare the vaccine in a biosafety cabinet by mixing WGa01 with an equal volume of antigen solution.
3. After mixing, label the vaccine with the preparation date and time for future use.
4. The mixed vaccine can be stored at 2–8°C for up to 24 hours before use.
5. Unused WGa01 should be stored at 2–8°C.

[Specifications] 10 mL/vial; 100 mL/bottle.

[Storage and Transport] Protect from light and store/transport at 2–8°C.

[Shelf Life] 3 years.

[Quality Standard] *WGa01 Adjuvant Quality Standard.*

[Manufacturer]

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