

Freund's Incomplete Adjuvant, Modified Freund's Incomplete Adjuvant, Modified Contains 85% Drakeol 5NF, 15% Arlacel A. Heat sterilized. Contains zero colony forming units.

Art. ID SAF-344291-10ML

Unit 1 x 10 mL

Description

"The word "adjuvant" is derived from the Latin, adjuvare, meaning "to help." During immunization, an adjuvant is generally mixed with the antigen to enhance the rate and amount of antibody formed. The most popular complete adjuvant is that of Freund. It consists of killed and dried microbial cells suspended in an emulsifying oil. Adjuvant without the microbial cells is called "incomplete adjuvant." Complete adjuvant forms a stable water-in-oil emulsion with aqueous solution of antigen. When injected subcutaneously into animals, the emulsified antigen forms a depot from which antigen is delivered slowly and at sustained levels to the animal's antibody-synthesizing system. The induced antibody response is usually high and sustained. In guinea pigs, an additional benefit from adjuvant is the delayed appearance of hypersensitivity., Contains 85% Drakeol 5NF, 15% Arlacel A (mannide monooleate emulsifier). Heat sterilized. Contains zero colony forming units/ml."