

## Complete Freund's Adjuvant, 10 mg/mL

**Catalog Number 501015**

*For research use only*

<b>INTRODUCTION</b>	Freund's Adjuvant is one of the most commonly used adjuvants in research. Complete Freund's Adjuvant (CFA) is a water-in-oil emulsion containing heat-killed Mycobacterium tuberculosis. Complete Freund's Adjuvant is designed to provide continuous release of antigens necessary for stimulating a strong persistent immune response. The mycobacteria in Complete Freund's attracts macrophages and other cells to the injections site, which enhances the immune response. For this reasons, the Complete Freund's Adjuvant is used for the initial injections. To minimize side-effects.
<b>DESCRIPTION</b>	Complete Freund's Adjuvant, 10mg/mL
<b>APPLICATION</b>	Typically used to induce Adjuvant-Induced Arthritis (AIA) in rats. For in-vivo/ in-vitro research studies.
<b>FORMAT</b>	Tan liquid with particles
<b>COMPOSITION</b>	10 mg/mL Mycobacterium Tuberculosis H37 RA (non-viable) in mineral oil.
<b>VOLUME</b>	5 mL
<b>STORAGE</b>	Keep tightly closed. Store at 2-8°C. Do not freeze.
<b>EMULSION</b>	Emulsify with an equal volume of antigen using a homogenizer. Requires vigorous and prolonged mixing.

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