

Datasheet for D614-0050**Freund's Complete Adjuvant****Overview**

Description:	Freund's Complete Adjuvant - D614-0050
Item No.:	D614-0050
Size:	50 mL
Applications:	Other

Product Details

Background:	Special formulation of adjuvant containing paraffin oil, surfactant and heat-killed <i>Mycobacterium butyricum</i> .
Synonyms:	Freund's Complete Adjuvant, CFA

Target Details

Relevant Links:	D614-0050 SDS
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Application Details

Suggested Applications:	Other (Based on references)
Application Note:	Freund's adjuvant may be used to form water-in-oil emulsions with antigens for the injection of immunogens for antibody production. Proper emulsion formation is essential and should be tested by observing a drop of the emulsion on the surface of water which should 'bead and not disperse'. Antigens properly emulsified stimulate a strong and long-lasting immune response due to the slow release of antigen into the host's system.
Assay Dilutions:	All assays should be optimized by the user. Recommended dilutions (if any) may be listed below.

Formulation

Physical State:	Liquid
Concentration:	1 X

Sterility:	Sterile
Preservative:	None
Stabilizer:	None

Shipping & Handling

Shipping Condition:	Ambient
Storage Condition:	Store vial at 4° C prior to opening. DO NOT FREEZE.
Expiration:	Expiration date is one (1) year from date of receipt.

Images



Bottle
Freund's Complete Adjuvant

References

- Sata E. et al. A new enzyme-linked immunosorbent assay system against the N-terminal propiece of interleukin-1 α . *J Oral Sci.* (2020)
- O'shannessy, DJ et al. Novel antibody probes for the characterization of endosialin/TEM-1. *Oncotarget* (2016)
- Kato, K et al. Characterization of a Toxoplasma gondii calcium calmodulin-dependent protein kinase homolog. *Parasites & Vectors* (2016)
- O'shannessy, DJ et al. Characterization of the human folate receptor alpha via novel antibody-based probes. *Oncotarget* (2011)

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