

**Datasheet for D614-0100****Freund's Complete Adjuvant****Overview**

|                      |                                        |
|----------------------|----------------------------------------|
| <b>Description:</b>  | Freund's Complete Adjuvant - D614-0100 |
| <b>Item No.:</b>     | D614-0100                              |
| <b>Size:</b>         | 100 mL                                 |
| <b>Applications:</b> | Other                                  |

**Product Details**

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

**Target Details**

|                        |                                                                               |
|------------------------|-------------------------------------------------------------------------------|
| <b>Relevant Links:</b> | <ul style="list-style-type: none"><li><a href="#">D614-0050 SDS</a></li></ul> |
|------------------------|-------------------------------------------------------------------------------|

**Application Details**

|                                |                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|--------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Suggested Applications:</b> | Other (Based on references)                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Application Note:</b>       | 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. |
| <b>Assay Dilutions:</b>        | All assays should be optimized by the user. Recommended dilutions (if any) may be listed below.                                                                                                                                                                                                                                                                                                                                              |

**Formulation**

|                        |        |
|------------------------|--------|
| <b>Physical State:</b> | Liquid |
| <b>Buffer:</b>         | None   |

|                      |         |
|----------------------|---------|
| <b>Sterility:</b>    | Sterile |
| <b>Preservative:</b> | None    |
| <b>Stabilizer:</b>   | None    |

## Shipping & Handling

|                            |                                                       |
|----------------------------|-------------------------------------------------------|
| <b>Shipping Condition:</b> | Ambient                                               |
| <b>Storage Condition:</b>  | Store vial at 4° C prior to opening. DO NOT FREEZE.   |
| <b>Expiration:</b>         | 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 $\alpha$ . *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)

## Disclaimer

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