

Magic™ Camelid Adjuvant

(Prod. No.: CDN-VHH1)

For research use only.

INTRODUCTION

Magic™ Camelid Adjuvant is a novel immunization adjuvant specifically designed for rapid production of high titers of VHH antibodies in camelid. It is used to produce cell mediated and humoral responses in camelid, such as camel, alpaca and Llama.

Magic™ Camelid Adjuvant is water soluble and can be used with a wide variety of antigens for subcutaneous, intramuscular and intraperitoneal vaccination methods. It is non-toxic and safe, thereby minimizing or eliminating the undesirable side effects and improve animal welfare.

SIZE

10 mL

KEY FEATURES

Highly effective—Induce long-term protection of cellular and humoral immune responses, rapid production of high titers of VHH antibodies.

Easy to use—no emulsion step required, can be used for subcutaneous, intramuscular and intraperitoneal vaccination methods.

Improving animal welfare—non-toxic adjuvant with no adverse side effects to animals.

Time saving—interval between doses is 7-14 days.

STORAGE AND STABILITY

Magic™ Camelid Adjuvant is supplied as a ready-to-use solution. Upon arrival, it should be stored at 2-8 °C. The adjuvant is stable for up to 1 year at 2-8 °C. **DO NOT FREEZE.**

IMMUNIZATION PROTOCOL

1. Preparation of antigen-adjuvant mixer

Mix Magic™ Camelid Adjuvant in the vial by gentle vortexing before use. Mix the Adjuvant with the antigen at 1:1 ratio (V/V) by a vortexer (the adjuvant should not be less than 500 µL), and mix thoroughly using a vortex again before use. Antigen adjuvant mixes should be freshly prepared before injection and used immediately.

2. Immunization methods

Subcutaneous or intramuscular immunization, immunization at multiple sites (RIMMS) can enhance effectiveness.

3. Interval between doses

Boost animals 7 days after the first immunization, after boosting, interval between doses can be 7-14 days. Immunize the animals 4-5 times to obtain more high-affinity VHH antibodies.