

HA201a Adjuvant System

Cat. No.: H1526829 | Pack size: 100µl; 0.5ml | Storage: Store at 2-8°C, Protected from light, Do not freeze

Overview

HA201a Adjuvant System adopts a dual synergistic liposomal delivery composite adjuvant design consisting of QS-21 (saponin immunostimulant) and 3D-MLA (TLR4 agonist). Via synergistic activation of the two components, it efficiently initiates innate immune responses, facilitates effective antigen presentation, and subsequently drives robust adaptive immune reactions. This mechanism has been validated in multiple clinical vaccine studies, laying a regulatory-compliant immunological foundation for developing high-efficacy vaccines.

Main Components & Concentrations

QS-21: 50 µg per 0.5 mL.

3D-MLA: 50 µg per 0.5 mL.

DOPC: 1 mg per 0.5 mL.

Cholesterol: 0.25 mg per 0.5 mL.

Transportation and Storage

1. Transportation: Cold chain maintained at 2–8 °C with ice packs; protect from light, freezing and severe shaking.
2. Long-term storage: Store at 2–8 °C in original packaging away from light; avoid freezing or prolonged room-temperature exposure.
3. After opening: Store at 2–8 °C protected from light. Use within 4 hours under non-sterile conditions; may be further stored under sterile conditions.
4. Shelf life: 2 years.

Specifications

Item	Information
Synonyms	HA201a Liposomal Adjuvant System
Specifications & Purity	BioReagent, Sterile

Stability And Storage	Store at 2-8°C long term (24 months). Do not freeze. Store in the dark.
Storage	Store at 2-8°C, Protected from light, Do not freeze
Shipped In	Wet ice. This product requires cold chain shipping. Ground and other economy services are not available.

Contact & Global Offices

Whether you have a technical question, need help with a quotation, or want to inquire about an order, our regional teams are ready to assist. Please contact the office for your region; for general inquiries, the North American office is the corporate primary.

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Limitations & Disclaimer

- ☐ For Research Use Only (RUO). Not for use in human or animal diagnostics, therapeutics, or in vivo applications. Not for food, cosmetic, or household use.
- ☐ This product is not a CE-marked in vitro diagnostic device under IVDR (EU) 2017/746 and is not an FDA-cleared device under 21 CFR. Use is restricted to verified businesses, institutions, and qualified professionals for research and development purposes.
- ☐ Where any kit component is classified as hazardous under CLP (EC) 1272/2008 or OSHA HCS (29 CFR 1910.1200), the product Safety Data Sheet (SDS) takes precedence over this document for handling, storage, and disposal information.
- ☐ Performance depends on sample type, sample condition, handling, and operator technique. Users are responsible for validating the kit for their specific application.
- ☐ Aladdin product labels, SDS, COA, and approved specifications take precedence over this document. If product formulation, label, SDS, storage conditions, pack size, or quality specifications change, this document would be reviewed and reissued.