

Exosome-Specific Serum-Free Culture Medium (with phenol red)

Cat. No.: E778171 | Pack sizes: 100 mL, 500 mL | Storage: 2-8 °C / -20 °C (component-specific)

Specifications

Item	Specification
Synonyms	Exosome-Specific Culture Medium (Serum-Free) Serum-free medium (for exosome) Culture Medium for Exosome Serum-free Medium for Exosome Expression Serum-free Media (for exosome culture)
Specifications & Purity	Animal Free, BioReagent, for cell culture, sterile
Stability and Storage	Each component has a shelf life of 12 months under corresponding storage conditions.
Storage	Store at 2-8 °C; store at -20 °C. Avoid repeated freezing and thawing.
Shipped In	Wet ice, ice chest + ice pads. This product requires cold chain shipping. Ground and other economy services are not available.

Overview

The serum-free medium specially for exosomes is a medium used for exosome expression in various cells such as tumor cells and stem cells. No serum needs to be added during cell culture, but growth factors or cytokines may be added in some applications. The serum-free medium contains the main components of serum: adhesion factors, growth factors, essential nutrients, hormones, etc., which can reduce the adverse factors caused by serum and make the cell culture conditions more stable. This medium has an animal-origin-free and serum-free formula. During cell culture, it can achieve the culture state of a complete medium without adding serum, which is beneficial to the harvest of exosomes and suitable for exosome collection from various cell lines and T cells.

Product Components and Storage Conditions:

Storage and Transport Unit Item No.	Storage and Transport Unit Name	Component No.	Component Name	Appearance	100mL	500mL	Storage
E778171 WT	Exosome-specific Serum-free Medium (with phenol red)(2-8°C Components)	E778171A	Exosome-specific Serum-free Medium	Liquid	100mL	500mL	2-8°C.
E778171 DT	Exosome-specific Serum-free Medium (with phenol red) (-20°C Components)	E778171B	Exosome-Specific Serum-free Medium Supplement	Liquid	5mL	25mL	-20°C. Avoid freeze-thaw cycle.

Note: Each component is individually packaged according to its storage temperature (2-8 °C / -20 °C) upon shipment, with differentiated temperature-controlled transportation to guarantee product performance. Orders containing materials requiring multiple temperature zones may be delivered in separate batches; please refer to the actual received goods. Upon receipt, store components separately at the temperatures specified in the component list. The shelf-life is 12 months from the date of manufacture.

Product Features:

Stable Effect: High exosome secretion and high-activity exosomes.

Wide Applicability: Suitable for the culture of various cell lines and exosome collection.

Operating Procedures:

1. Mix the serum-free medium specially for exosomes with the additive at a ratio of 20:1 to prepare the complete medium;
2. Culture cells with the complete medium for 24-48 hours continuously. When the cell confluency reaches 80-90%, collect the supernatant to extract exosomes.
3. Notes: The complete medium should be prepared and used immediately. Store it at 2-8 °C and use it up within one week; if the additive needs to be prepared multiple times, it is recommended to aliquot and store it frozen.

Notes and Disclaimer:

1. This product is suitable for exosome culture and collection, and can be used as a cell passage medium. The appearance of flocculent substances in the medium after adding the additive is a normal phenomenon, not a contamination, and will not affect cell growth or exosome extraction.
2. For your safety and health, please wear a lab coat and disposable gloves during operation.
3. This product is intended solely for scientific research by professionals and shall not be used for clinical diagnosis or treatment, nor for food or pharmaceutical purposes.

Recommended Applications

Cell Culture, Exosome Collection.

Quality Documents

SDS, COA, datasheet, and spec sheet are available for download. Lot-specific COA is accessible via lot number lookup. Check the lot-specific COA for exact specifications.

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.

NORTH AMERICAN SALES, SUPPORT & GENERAL INQUIRIES

Aladdin Scientific Corporation

14078 Meridian Parkway, Riverside, CA 92518, USA

Phone: 1-833-552-7181

Sales: sales@aladdinsci.com

Customer Service: custserv@aladdinsci.com

EU SALES, LOGISTICS & LOCALIZED SUPPORT

Aladdin Biochem Deutschland GmbH

Westring 2, 33142 Büren, Germany

Phone: +02951 9383958

Support: support.eu@aladdinsci.com

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 product 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 product 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.