

Serum-free Medium (For Exosome)

JOT-EV-02-09-01

Product Overview

The Specific Serum-Free Medium is designed for the cultivation of extracellular vesicles expressed in various cell types, including tumour cells and stem cells. Serum is not required in cell culture, although the addition of growth factors or cytokines may be necessary for specific applications. This serum-free culture medium incorporates essential serum components such as adhesion factors, growth factors, necessary nutrients, and hormones which can enhance the stability of cell culture conditions. The medium is devoid of animal-derived components and serum, enabling the attainment of a fully cultured state without the addition of serum during cell cultivation. This medium is conducive to extracellular vesicle harvesting and is suitable for the collection of extracellular vesicles from various cell lines and T cells.

Components and Storage Conditions

Product	Specifications	Storage conditions
Serum-free Medium (For Exosome)	500 mL	2-8 °C

Protocol

- 1. Cell Resuscitation and Passaging:** Resuscitate the cells and passage them 2-3 times using complete culture medium until the cells reach a normal production state.
- When the cell confluence reaches approximately 60%-70%, remove the existing complete culture medium, and wash the cells three times with PBS.
- Add fresh Serum-Free Culture Medium (For Exosome) and continue cultivation for 24-48 hours. Harvest the cell culture supernatant for extracellular vesicle extraction when the cell confluence reaches 90%.

Precautions and Disclaimer

This product is designed for extracellular vesicle cultivation and collection and is not intended for use as a medium for cell passaging. For your safety and health, please wear a lab coat and disposable gloves during the operation.

This product is limited to scientific research use by professionals and should not be used for clinical diagnosis or treatment, nor for food or medicine.

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Life Science Production

The Science Centre, 1 Blaydon Road, Sandy, Bedfordshire, SG19 1RZ

Tel: +44 (0) 1234 889180 Email: sales@lifesciencegroup.co.uk Web: www.lifesciencegroup.co.uk

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