

Specification & Instruction Sheet

0.1 % Gelatin Solution

CM-0004



This product is for Research Use Only.
This product is not approved for human or
veterinary use or for use in in vitro
diagnostics or clinical procedures.



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CELL TECHNOLOGY

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Component Storage

Store 0.1 % Gelatin Solution (CM-0004) at 2-8°C until the expiration date.

Product	Part No.	Volume	Storage	Volumes to use		
0.1 % Gelatin Solution	CM-0004	100 mL	2 – 8 °C	Per 1 cm ²	Per T-25 Flask	Per T-75 Flask
				0.1 mL	2.5 mL	7.5 mL

Product	Quality Control Testing	
0.1 % Gelatin Solution	Sterility	Cell Culture Evaluation

The Lifeline Guarantee

Lifeline's rigorous quality control ensures sterility and performance to standardized testing criteria. If Lifeline's products do not meet your expectations or our posted performance and quality standards, we will replace them at no charge or provide a full refund. Upon request, Lifeline will provide lot-specific QC test results, material safety data sheets and certificates of analysis. See complete guarantee/warranty statement at lifelinecelltech.com or contact your technical representative for more information.

Basic Sterile Technique

Gelatin Solution should only be used in a sterile environment, a Class II biological safety cabinet with front access and filtered laminar airflow, or an equivalent device. Always wear gloves and eye protection when working with these materials. Wipe or spray gelatin solution with 70% ethanol or isopropanol before opening, especially around the area of the cap. Make sure these surfaces have dried before opening the bottle. Transfer of gelatin solution should be done with disposable sterile pipettes. Do not mouth pipette! Take up the volume needed into the pipette, being careful not to touch the sterile tip to the rim of the container or any other surface. Close the container and open the container into which the transfer is being made, again being careful not to touch any surfaces with the sterile tip. Transfer the material and close the container. Wash your hands before and after working with cell cultures. Do not block airflow in a laminar flow hood as this may compromise sterility. Ensure that biological cabinets are certified routinely and that the HEPA filters are replaced regularly.



Call Lifeline Technical Service and Sales at **877.845.7787**

Or visit **lifelinecelltech.com** for more information

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Preparing Gelatin-Coated Tissue Culture Vessels

1. Add 1.0 mL of 0.1% Gelatin Solution per 10 cm² of culture surface area (e.g., 2.5 ml if using a T-25 flask).
2. Gently rock culture vessel to coat surface; place in a 37°C incubator for at least 30 minutes and up to overnight.
3. Aspirate the excess solution from the culture vessels using sterile technique.
4. Add 0.8 mL of complete culture medium per 5 cm² of culture surface area (e.g., 4.0 mL if using a T-25 flask).
5. Place the gelatin-coated vessels in a 37°C, 5% CO₂ incubator for at least one hour to equilibrate before inoculating with cells.



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