

PCS-999-027[™]

Description

0.1% Gelatin Solution is used to coat cell culture flasks. The use of coated flasks improves cell attachment for certain types of primary cells and certain continuous cell lines.

Volume: 100 mL

Storage Conditions

Storage conditions: 2°C to 8°C

Intended Use

This product is intended for laboratory research use only. It is not intended for any animal or human therapeutic use, any human or animal consumption, or any diagnostic use.

Biosafety Information

ATCC determined that a biosafety level is not applicable to this material based on our risk assessment as guided by the current edition of *Biosafety in Microbiological and Biomedical Laboratories (BMBL)*, U.S. Department of Health and Human Services. It is your responsibility to complete your own risk assessment and understand any potential hazards associated with the material per your organization's policies and procedures and any other applicable regulations as enforced by your local or national agencies.



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Certificate of Analysis

For batch-specific test results, refer to the applicable certificate of analysis that can be found at www.atcc.org.

Handling Procedures

For optimal cell attachment, cell culture flasks should be prepared before thawing the cells.

- 1. Decontaminate the external surface of the 0.1% Gelatin Solution bottle by spraying with 70% ethanol.
- 2. Using aseptic technique and working in a laminar flow hood or biosafety cabinet, 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).
- 3. Rock culture flask to coat surface; place in a 37°C incubator (with or without 5% CO₂) for at least 30 minutes, and up to overnight.
- 4. Aspirate the excess gelatin solution from the culture flasks using sterile technique.
- 5. Add 5.0 mL of complete growth medium per 25 cm² of culture surface area (e.g., 5.0 mL if using a T-25 flask).
- 6. Place the gelatin-coated flasks in a 37°C, 5% CO₂ incubator for at least one hour to equilibrate before inoculating with the cell suspension.

Quality Control Specifications

Bacterial and fungal testing: Not detected **Mycoplasma contamination:** Not detected

Functional tests: Each lot is assessed for acceptable attachment of human primary cells

A Certificate of Analysis (COA) is available upon request for each lot of 0.1% Gelatin Solution.

Material Citation



PCS-999-027

If use of this material results in a scientific publication, please cite the material in the following manner: 0.1% Gelatin Solution (ATCC PCS-999-027)

References

References and other information relating to this material are available at www.atcc.org.

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