



Product Sheet

# 0.1% Gelatin Solution (ATCC® PCS-999-027™)

Please read this FIRST

Storage Temp.  
**2 to 8°C**

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Biosafety Level  
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## Description

**Product 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 as well as certain continuous cell lines.

**Formulation:** 0.1% porcine gelatin in water.

**Volume:** 100 ml

## Directions for Use

### Preparing Gelatin-Coated Tissue Culture Flasks

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 cm<sup>2</sup> 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% CO<sub>2</sub>) 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 cm<sup>2</sup> 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% CO<sub>2</sub> incubator for at least one hour to equilibrate before inoculating with the cell suspension.

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Additional information on this culture is available on the ATCC web site at [www.atcc.org](http://www.atcc.org).

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