

0.1% Gelatin in Water

Coating for cultureware

Catalog # 07903 500 mL



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Product Description

This product is recommended for the coating of culture dishes or flasks to grow mouse embryonic stem (ES) cells, mouse induced pluripotent stem (iPS) cells, or primary embryonic fibroblasts.

Properties

Storage: Store at 15 - 25°C.

Shelf Life: Stable until expiry date (EXP) on label.

Handling / Directions For Use

NOTE: The gelatin solution may be cloudy upon receipt due to exposure to low temperatures during shipping. If this occurs, place bottle in a 37°C water bath for 1 hour (maximum of 2 hours). Ensure the temperature of the water bath is $\geq 35^{\circ}\text{C}$ and $< 40^{\circ}\text{C}$. The gelatin will dissolve, resulting in a clear solution. Product performance will not be affected.

TO COAT CULTURE VESSELS:

1. Aseptically dispense enough gelatin into the dish or flask to completely cover the bottom of the vessel. Recommended volumes are:
 - 3 mL per 25 cm² flask or 60 mm tissue culture dish
 - 7 - 8 mL per 100 mm tissue culture dish
2. Leave gelatin solution in contact with the cultureware for at least 20 minutes at room temperature (15 - 25°C).
3. Aspirate the excess gelatin solution and leave cultureware sitting open in the biosafety cabinet until dry.

NOTE: Gelatin-coated dishes or flasks can be stored at room temperature (15 - 25°C) for up to 2 weeks, or at 2 - 8°C until required.

For further information, refer to the Technical Manual: In Vitro Hematopoietic Differentiation of Mouse ES & iPS Cells Using ES-Cult™ (Document #28415), available at www.stemcell.com or contact us to request a copy.

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