



Applied Biological Materials Inc

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## Gelatin Coating Solution

Store at 2-8°C

| Cat. No. | Description              | Quantity |
|----------|--------------------------|----------|
| TM063    | Gelatin Coating Solution | 100 ml   |

### Product Description

Gelatin is a heterogeneous mixture of water-soluble proteins of high average molecular masses, present in collagen. It is commonly used for coating of culture dishes to improve attachment of cells. It can be used to grow mouse embryonic stem cells (mESCs), mouse induced pluripotent stem cells (miPSCs) or primary embryonic fibroblasts (PEFs).

### Usage

abm's Gelatin Coating Solution is supplied at 0.1% concentration in a clear solution format. It is ready to be used for your cell culture needs.

#### Steps:

1. Determine desired concentration of Gelatin Coating Solution needed to coat culture vessels. Optimal coating conditions are dependent on end users' needs.
2. Add to culture vessel with appropriate amount of Gelatin Coating Solution to cover the surface. Evenly spread the diluted coating solution to get an even layer with pipette or by gently tapping the vessel.

Table 1. Recommended Gelatin Coating Solution Volumes:

| Culture Vessel Size         | Recommended Volume |
|-----------------------------|--------------------|
| 25 cm <sup>2</sup> or 60 mm | 3 ml               |
| 100 mm                      | 7-8 ml             |

3. Incubate at room temperature for 20 minutes.
4. Remove residual solution from culture vessel and allow to dry at room temperature.
5. Coated culture vessels are ready for immediate use, or can be stored at 2-8°C for up to 12 months if kept in sterile conditions.

### Storage Conditions

Store at 2-8°C.

### Shelf Life

12 months from the date of shipping, if stored and handled correctly.

For laboratory research only. Not for clinical applications.  
For technical questions, phone the ABM helpline at 1-866-757-2414

or visit our website at [www.abmGood.com](http://www.abmGood.com)