



Procedure for Coating Multiwell Plates with Gelatin Solution

Materials & Reagents required:

- EmbryoMax ES Cell Qualified 0.1% Gelatin Solution (Cat. No. ES-006-B)
- ESGRO Complete Gelatin Solution (Cat. No. SF008)
- Sterile Pipette
- Tissue culture plates

Procedure:

1. Warm 0.1% Gelatin Solution to room temperature prior to use.
2. In a culture hood, under sterile conditions, add Gelatin Solution to each well of the plate as suggested in the table below. Note: Add enough Gelatin Solution to adequately cover the plasticware surface.

Table 3.1: Gelatin solution volume

Plate	Amount / Well
96-well	100 μ L
48-well	300 μ L
24-well	0.5 mL
12-well	1.0 mL
6-well	1.5–2.0 mL
30 mm	1.5–2.0 mL
60 mm	3.0 mL
100 mm	4.0–5.0 mL

3. Leave the Gelatin Solution in the wells for at least 30 minutes at room temperature, with dish lids on in the laminar flow hood.
4. Remove the Gelatin Solution by aspiration and discard. Immediately add media and cells to the dish. Do not allow the dishes to dry before adding cells.