

Suggested Coating Procedure

Use this procedure as a guide to determine the optimal coating conditions for your culture system.

Coating Procedure

- 1) Dilute Corning® Collagen IV, human, to desired concentration using 10 mM acetic acid. The final solution should be sufficiently dilute so that volume added will cover the surface evenly.

Example: If the final coating concentration will be 1.0 µg/cm², dilute the material to 10 µg/mL and add 1 mL/35 mm dish, 3 mL/60 mm dish, etc.

- 2) Add appropriate amount of diluted material to culture surface.
- 3) Incubate at room temperature for 1 hour.
- 4) Aspirate remaining material.
- 5) Rinse dishes carefully to remove acid.
- 6) Plates are ready for use. They may also be stored at 2-8°C damp or air dried if sterility is maintained.

Gelling Procedure

NOTE: Corning Collagen IV, human, will only form a very soft gel.

- 1) Mix Corning Collagen IV, human, 1:2 with a buffer which will bring the solution to neutrality.
- 2) Incubate at 37°C for 15 to 60 minutes.
- 3) Material is ready for use.

NOTE: For more details on Corning Collagen products and technical resources please visit support page at www.corning.com/lifesciences



Quality Assurance

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