

Collagen Coating Procedure

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For use with liquid Research Grade Jellyfish Collagen.

Recommended coating density: 10µg/cm²

1. Prepare solution by using the following equation:

$$\frac{\text{surface area of well} \times \text{desired concentration}}{\text{volume to be used}} = \mu\text{g}/\mu\text{l}$$

Where surface area is in cm², desired concentration in µg/cm² (10µg/cm²) and volume to be used in µl. We recommend all dilutions should be made using sterile 0.02M acetic acid.

2. Dispense solution into wells.
3. Allow collagen to bind for 2-3 hours at 20 - 37°C.
4. Remove excess fluid and dry overnight in sterile fume hood.
5. Before use for cell culture, rinse wells with tissue culture medium.
6. Remove rinse media.
7. Introduce cells and growth media.