

Introduction

The capsule membrane supports growth of most cell types without additional treatment. However in most cases, to ensure optimal growth, pre-coating of the capsule membrane is recommended. Gelatin supports growth of many types of cells. One should take into account that the coating layer should be thin.

➤ The reagents required

- Gelatin (for example Sigma Cat. No. G6144).
- Distilled water
- PBS

➤ Procedure:

1. Dissolve 0.1% w/v Gelatin in double distilled water at 37°C until no lumps are visible.
2. If desired, sterilize by filtration before coating or by UV irradiation of the coated liquid dishes.
3. Apply 15ul of the solution to the liquid dish and incubate for 1 hour at room temperature.
4. Remove the solution and wash twice with PBS.
5. Keep the liquid dish filled with PBS until seeding of cells.



NOTE

- a. It is recommended to plate cells on gelatine within one day from coating.
- b. Higher concentration of Gelatin may improve the attachment for some specimens.



NOTE

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