



Poly-D-lysine (0.1 mg/ml)

Catalog #: PD001

Size: 50 ml

Storage: Store the medium at 2-8°C Celsius

Format: Liquid

GENERAL INFORMATION

Poly-D-lysine is commonly used as a coating reagent to increase cell attachment to plastic and glass culturing surfaces. Its resistance to enzymatic degradation makes it an ideal choice for culturing various cell types. Poly-D-lysine-coated surfaces improve cell attachment, growth, and differentiation across a broad spectrum of cell types. This synthetic amino acid chain is available as a sterile 50 mL solution with a concentration of 0.1 mg/ml. It comes in a sterile package.

Product is for Research use only. Our products are not authorized for human use, in vitro diagnostic procedures, or for therapeutic procedures.

Storage Condition: Store the medium at 2-8°C. Item is shipped with gel paks.

PROTOCOL

Note: Use these recommendations as guidelines to determine the optimal coating conditions for your culture system. To maintain sterility, perform all operations in a laminar flow hood.

Note: A typical working concentration is 0.1 mg/ml. If a different concentration is desired, transfer the desired volume of solution from the bottle to a dilution vessel. Dilute to the desired concentration using tissue culture grade water or PBS.

1. Add the appropriate amount of diluted material to the culture surface. Typically, 1 mL per 25 cm² is used. Ensure uniform coating of the culture surface by gently rocking it.
2. After 5 minutes, remove excess solution by aspiration.
3. Thoroughly rinse the surface with tissue culture grade water.
4. Incubate and allow to dry at room temperature or 37°C, covered, for at least 2 hours.
5. Introduce medium and cells to the culture surface. Store any remaining Poly-D-Lysine at 2 to 10°C.

FOR RESEARCH USE ONLY

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