



Applied Biological Materials Inc

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Poly-L-Ornithine Coating Solution

Store at 2-8°C

Cat. No.	Description	Quantity
TM062	Poly-L-Ornithine Coating Solution	50 ml

Product Description

Poly-L-Ornithine is a positively charged synthetic amino acid with one hydrobromide per unit of Ornithine. It is commonly used as a thin coating on tissue culture surfaces. Poly-L-Ornithine coating promotes the attachment and adhesion of many cells in vitro. It does this by increasing the electrostatic attraction between the surface and the cells.

Usage

abm's Poly-L-Ornithine Coating Solution is supplied at 0.1 mg/ml concentration in a clear solution format. It is ready to be used for your cell culture needs.

Steps:

1. Determine desired concentration of Poly-L-Ornithine Coating Solution needed to coat culture vessels. Use sterile PBS to dilute to required coating concentration. Optimal coating conditions are dependent on end users' needs.
2. Add to culture vessel with appropriate amount of Poly-L-Ornithine Coating Solution to cover the surface (recommend 1 ml per 25cm²). Evenly spread the diluted coating solution to get an even layer with pipette or by gently tapping the vessel.
3. Incubate at room temperature for 5 minutes.
4. Remove residual solution from culture vessel and allow to dry at room temperature or at 37°C for 2-3 hours.
5. Coated culture vessels are ready for immediate use, or can be stored at 2-8°C for up to 12 months if kept in sterile conditions.

Storage Conditions

Store at 2-8°C.

Shelf Life

12 months from the date of shipping, if stored and handled correctly.

For laboratory research only. Not for clinical applications.
For technical questions, phone the ABM helpline at 1-866-757-2414

or visit our website at www.abmGood.com