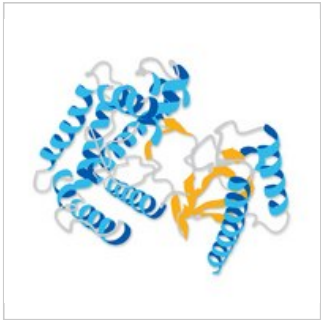


A-005-C Sigma-Aldrich

Poly-D-Lysine更好，因为D型多肽不会被细胞分泌的酶降解，更持久。



Poly-L-Lysine Solution (0.01%)



Poly-L-Lysine Solution (0.01%) MSDS (material safety data sheet) or SDS, CoA and CoQ, dossiers, brochures and other available documents.

- MSDS
- 分析证书

Key Applications: Cell Attachment, Cell Culture, Neuroscience

A-005-C

100 ml

CNY 1,333.00

[登录查看价格](#)

目前缺货

数量:

[添加到购物车](#)

[添加到我的收藏夹](#)



概述 支持文件 相关产品和应用

概述

重要规格表

Key Applications	
Cell Attachment, CULT, Neuroscience	
Description	
Catalogue Number	A-005-C
Description	Poly-L-Lysine Solution (0.01%)
Alternate Names	<ul style="list-style-type: none"><li>Lysine</li></ul>
Background Information	<p>Poly-L-Lysine is a synthetic amino acid chain that is positively charged having one hydrobromide per unit of Lysine. Poly-L-Lysine is widely used as a coating to enhance cell attachment and adhesion to both plasticware and glass surfaces. Certain cell types secrete proteases, which can digest Poly-L-Lysine.</p> <p>The molecular weight of Poly-L-Lysine for cell culture can vary significantly, with lower molecular weight (30,000 Da) being less viscous and higher molecular weight (greater than 300,000 Da) having more binding sites per molecule. This product uses a Poly-L-Lysine of 84000 Da, yielding a solution viscosity for easy handling while providing sufficient binding sites for cell attachment.</p>

Product Information	
Formulation	
Presentation	Product is presented in <u>sterile water</u> at 0.01% w/v (0.1mg/ml). Product is filtered through a 0.2 micron filter before freezing.
Quality Level	<u>MQ100</u>

一定要用不含盐的水，盐离子可以和多聚赖氨酸上的电荷中和，降低和细胞培养皿塑料的结合力，吸附不牢。

Applications	
Key Applications	<ul style="list-style-type: none"><li>Cell Attachment</li><li>Cell Culture</li><li>Neuroscience</li></ul>

Applications	
Application Notes	<p>Optimal coating concentrations must be determined by end user. Typical coating concentrations range from 10ug/ml to 100ug/ml based on cell type and application.</p> <ol style="list-style-type: none"><li>1. Thaw Poly-L-Lysine solution at room temperature.</li><li>2. Dilute Poly-L-Lysine solution to desired concentration in sterile water.</li><li>3. Fully coat the cell culture surface with diluted Poly-L-Lysine solution. Use 5 mL volume for 6-cm plates and 10 mL volume for 10-cm plates and T75 flasks.</li><li>4. Allow cell culture vessel to sit at room temperature overnight.</li><li>5. Aspirate the Poly-L-Lysine solution the following day and rinse vessel with sterile water followed by coating with desired ECM protein.</li></ol>

Biological Information	
Concentration	0.01% w/v (0.1 mg/ml)
Media Form	Liquid
Molecular Weight	84000 Da

Product Usage Statements	
Quality Assurance	Solution is clear with no particulates present. Solution is sterile and suitable for cell culture applications.
Usage Statement	<ul style="list-style-type: none"><li>• Unless otherwise stated in our catalog or other company documentation accompanying the product(s), our products are intended for research use only and are not to be used for any other purpose, which includes but is not limited to, unauthorized commercial uses, in vitro diagnostic uses, ex vivo or in vivo therapeutic uses or any type of consumption or application to humans or animals.</li></ul>

Storage and Shipping Information	
Storage Conditions	Store at -20°C for up to 4 months from date of receipt. Avoid multiple freeze thaw cycles to maintain product integrity.

多聚赖氨酸无三维结构，可以冻融，但是解冻后常常会发生部分凝胶化，这是肽链氢键相互作用的原因，微波炉加热到70-80度后可解链溶解，冷却到常温后就可正常使用了。

Packaging Information	
Material Size	100 ml

默克集团 | 版权 | 使用条款 | 隐私声明 | 销售条件