

FUJIFILM

Wako

Code No. 163-27421 (50 mL)

Poly-L-Ornithine Solution (0.1 mg/mL)
ポリ-L-オルニチン溶液 (0.1mg/mL)

Appearance : Colorless clear liquid

Description : Poly-L-Ornithine is a synthetic amino acid chain that is positively charged and widely used as a coating to enhance cell attachment and adhesion to both plastic ware and glass surfaces.

Molecular Weight : 70,000-150,000

Sterilization : The product has been sterile filtered.

Concentration : 0.1 mg/mL

Application : Poly-L-Ornithine is used to coat tissue culture plasticware for enhanced cell attachment and adhesion. Coated surfaces will often improve cell attachment in reduced or serum-free conditions.

【Note】

The optimal concentration for cell attachment and culture may differ for various cell types. Some experimentation may be required to determine the optimal conditions for individual cell culture systems. A typical working concentration is 0.1 mg/mL.

Instructions for use :

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.

1. A typical working concentration is 0.1 mg/mL. If a different concentration is desired, transfer desired volume of solution from the bottle to a dilution vessel. Dilute to desired concentration using tissue culture grade water or PBS.
2. Add appropriate amount of diluted material to culture surface. Typically, 1 mL per 25 cm² is used. Rock gently to ensure uniform coating of culture surface.
3. Allow to incubate for 60 minutes or overnight at room temperature, remove excess solution by aspiration.
4. Thoroughly rinse surface with tissue culture grade water and aspirate rinse water.
5. Incubate and allow to dry at room temperature or 37 °C, covered, for at least 2 hours. Coated cultureware can be stored for up to 1 week.
6. Introduce medium and cells to the culture surface.
7. Store remaining Poly-L-Ornithine at 2 to 10 °C.

— 1/2 —

Trans *

お使いの細胞培養システムに最適なコーティング条件を決定するために、ガイドラインとして下記をご利用頂くことをお奨め致します。無菌性を維持するために、全ての操作をクリーンベンチで行って下さい。

1. 一般的に 0.1 mg/mL濃度で使用します。異なる濃度での使用をご希望の場合は、培養グレード滅菌水やPBS緩衝液により希釈してご利用下さい。
2. 培養容器に本品を適量添加します。一般的に、1 mL/25 cm² で使用します。容器表面全体に均一にコートするために穏やかに揺り動かし広がったことを確認します。
3. 室温で、60分間もしくは一晩インキュベートを行い、余分な溶液を除去します。
4. 培養グレード滅菌水などでしっかり洗浄し、洗浄液を吸引します。
5. ふたをして、室温もしくは37 °Cで少なくとも2時間インキュベートし、乾燥させます。コートされた培養器材は約1週間保存可能です。
6. 培養容器に培地と細胞を添加し使用します。
7. 残ったポリ-L-オルニチン溶液は2-10 °Cで保存して下さい。

[Storage] Store at 2-10 °C

[Expiration date] Indicated on the label

[Package]

Code No.	Packaging
163-27421	50 mL

* : **Trans** is the Japanese translation.

FUJIFILM Wako Pure Chemical Corporation

1-2, Doshomachi 3-Chome, Chuo-Ku, Osaka 540-8605, Japan
Telephone : + 81-6-6203-3741
Facsimile : + 81-6-6201-5964
<http://fwvk.fujifilm.co.jp>

FUJIFILM Wako Chemicals U.S.A. Corporation

1600 Bellwood Road
Richmond, VA 23237
U.S.A.
Telephone : + 1-804-271-7677
Facsimile : + 1-804-271-7791
<http://www.wakousa.com>

FUJIFILM Wako Chemicals Europe GmbH

Fuggerstrasse 12
D-41468 Neuss
Germany
Telephone : + 49-2131-3111-0
Facsimile : + 49-2131-311100
<http://www.wako-chemicals.de>

2305KA2

— 2/2 —