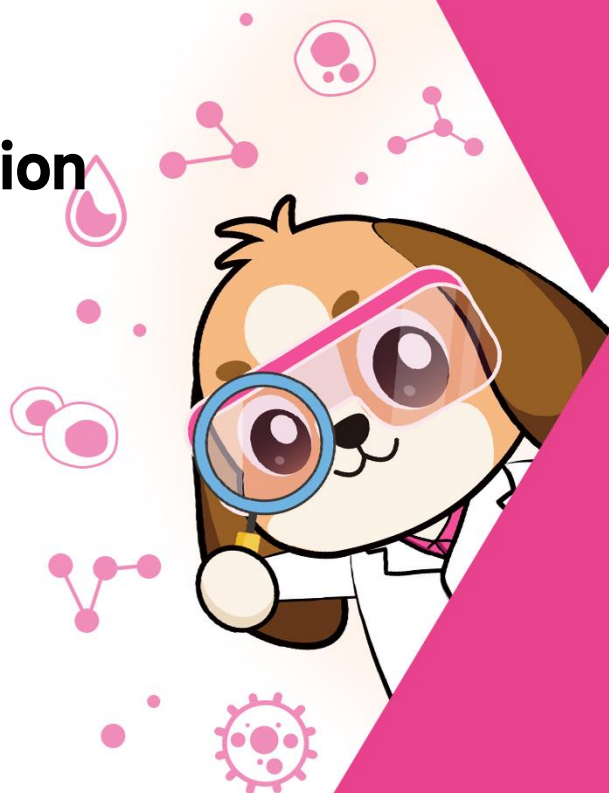


# User Manual

## OriCell™ 0.1% Gelatin Solution

Catalog No. GLT-11301



## Introduction

---

Gelatin is a powder derived primarily from animal skin and bone through processes such as washing, hydrolysis, filtration, gelation, pulverization, and other steps. Its main components are amino acids and polypeptides with a consistent composition but a broad molecular weight distribution.

OriCell™ 0.1% Gelatin Solution is mainly composed of high-purity gelatin and deionized water. After aseptic processing, it appears as a clear, transparent liquid. This solution is commonly used as a coating agent in cell culture to enhance the adhesion of poorly adherent cells. The concentration is suitable for most cell types and can be used directly without dilution.

**Note:** This product is only provided for further scientific research. It is not intended for diagnostic, therapeutic, clinical, household, or any other applications.

When citing our products in academic journals, please indicate “OriCell™ + Catalog Number, from Cyagen Biosciences (Guangzhou) Inc.”

## QC

---

- Pass the detection of bacteria, fungi, mycoplasma and endotoxins.
- Pass the detection of osmotic pressure and pH.
- Pass the detection of product quality.

Please reference "COA" for details.

## Product Stability and Storage Conditions

---

1. This reagent should be stored at 2–8°C. It has a shelf life of 1 year.
2. If the reagent will not be used up immediately, it is recommended to aliquot and store it to avoid repeated freeze-thaw cycles.
3. Please use product within the expiration date. Expired ingredients may significantly affect the cell culture effect.

## Instructions of Coating Procedure

---

1. Add an appropriate amount of 0.1% gelatin solution to the culture flask or dish, ensuring the entire bottom surface is fully covered.
2. Gently shake the flask or dish to evenly distribute the gelatin solution.
3. Place the gelatin-coated flask or dish on a clean bench and incubate for at least 30 minutes. Meanwhile, mix the complete medium thoroughly and protect it from light using aluminum foil or other light-proof materials.
4. After 30 minutes, discard the gelatin and allow the culture flask/dish to dry completely before cell seeding.
5. The gelatin-coated flasks or dishes can be stored at 4°C for up to two weeks under sterile conditions, provided the gelatin layer does not dry out.

Cyagen Biosciences (Guangzhou) Inc. reserves all rights to the technical documents of OriCell™ cell culture products. Without the written permission of Cyagen Biosciences (Guangzhou) Inc. any part of this document shall not be adapted or reprinted for other commercial purposes.