

0.1% Gelatin Solution (TBS8004)

Catalog Number	Kit Size
TBS8004-100	100 mL
TBS8004-500	500 mL

DESCRIPTION

Gelatin is a heterogeneous mixture of water-soluble proteins of high average molecular matrices present in collagen. The proteins are extracted by boiling skin, tendons, ligaments, bones, etc. in water. Type A gelatin is derived from acid-cured tissue.

0.1% Gelatin Solution can be used to coat cell culture flasks and plates. The use of coated-flasks and plates improves cell attachment for certain types of primary cells as well as certain types of continuous cell lines.

CONTENTS

Gelatin Solution contains 0.1% porcine gelatin in water.

UNIT SIZE

100mL or 500mL/each.

STERILITY

The solution is sterilized.

APPLICATIONS

Applications include coating cell culture plates or flasks to improve cell attachment for a variety of cell types.

STORAGE CONDITIONS

Store the 0.1% Gelatin Solution at 4°C.

When stored as directed, the product is stable until the expiration date on the label.

SUGGESTED COATING PROTOCOL

1. Decontaminate the external surface of the bottle by spraying with 70% ethanol.
2. Using aseptic technique and working in a laminar flow hood or biosafety cabinet, add 1.0 mL of 0.1% Gelatin Solution per 10 cm² of culture surface area.
3. Rock culture flask to coat surface; place in a 37°C incubator (with or without 5% CO₂) for a minimum of 30 minutes and up to overnight.
4. Aspirate the excess gelatin solution from the culture flasks
5. Add 5.0 mL of complete growth medium per 25 cm² of culture surface area
6. Place the gelatin-coated flasks in a 37°C, 5% CO₂ incubator for at least one hour to equilibrate before inoculating with the cell suspension.

RELATIVE PRODUCTS

0.1% Gelatin Solution from Porcine Skin (TBS8004)
0.01% Poly-D-Lysine Solution (TBS8039)
MCF-7 Cell Complete Medium (TBS8036)
DMEM Medium (TBS8061)
RPMI-1640 (TBS8063)
2x HBS, pH7.05 (TBS5076)
100x HAT Supplement (TBS8075)
LB Medium (TBS8056)
SOB Medium (TBS8057)
SOC Broth Medium (TBS8058)
2xYT Broth Medium (TBS8059)
HT supplement (TBS8073)
Hybridoma growth medium (TBS7074)
B-27 Supplement (50x) (TBS8079)
N-2 Supplement (100x) (TBS8081)
Neurobasal Plus Medium (TBS8082)
DMEM/F12, HEPES(TBS8083)
M2 Mouse Embryo Medium (TBS8070)
KSOM Mouse Embryo Medium without AA(TBS8071)
Human Tubal Fluid (HTF) (TBS8072)
Adipocyte Differentiation Cocktail (TBS8017)
Chondrogenic Differentiation Medium (TBS8062)
Human ES and iPS Complete Cell Medium (Chemically defined) (TBS8064)

For research use only.