

Poly-L-Lysine Solution in PBS (0.01%, TBS8040)

Catalog
TBS8040-50
TBS8040-500

Unit Size
50 mL
500 mL

DESCRIPTION

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. This molecule has been used to culture a wide variety of cell types. Certain cell types secrete proteases, which can digest Poly-L-Lysine. For those cell types, Poly-D-Lysine, Catalog # TBS8038 or TBS 8039 should be used.

The molecular weight of Poly-L-Lysine can vary significantly with lower molecular weight (30,000 Da) being less viscous and higher molecular weight (>300,000 Da) having more binding sites per molecule.

This product's molecular weight ranges from 70,000 to 150,000 Da yielding a solution viscosity for easy handling while providing sufficient binding sites for cell attachment.

COMPONENTS

0.01% Poly-L-Lysine in PBS, Sterile.

APPLICATION

- Cell culture for cell attachment
- Slide or glass coating.
- Plate coating.

PACK SIZE

50 mL or 500 mL /bottle

STORAGE

Store at 4°C for 2 years.

PROCEDURE

This concentration of 0.01% is directly used for cell culture, IHC, and other coating applications.

RELATED PRODUCTS

MCF-7 Cell Complete Medium (TBS8036)
DMEM Medium (TBS8061)
RPMI-1640 (TBS8063)
0.1% Gelatin Solution (TBS8004)
0.01% Poly-D-Lysine Solution (TBS8039)
2x HBS, pH7.05 (TBS5076)
100x HAT Supplement (TBS8075)
LB Medium (TBS8056)
SOB Medium (TBS8057)
SOC Broth Medium (TBS8058)
2x YT Broth Medium (TBS8059)
HT supplement (TBS8073)
Hybridoma growth medium (TBS7074)
HAT supplement (TBS8075)
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) Mouse Embryo Medium (TBS8072)
Adipocyte Differentiation Cocktail (TBS8017)
Chondrogenic Differentiation Medium (TBS8062)
Human ES and iPS Complete Cell Medium (Chemically defined) (TBS8064)

For Research Use Only.