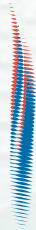


Poly-D Lysine Surface

Beyond the Standard



CORNING

Discovering Beyond Imagination

Life
Sciences

NEW

Corning® ... Beyond the Competition:

- ▶ Superior cell binding
- ▶ Unmatched product stability
- ▶ Proven well-to-well consistency

Features:

- ▶ Corning Novel Surface Technology
- ▶ 96 and 384 well Assay plates
- ▶ Ideal for culture of primary neurons, glial cells, neuro-blastomas, and transfected cell lines
- ▶ Promotes cell attachment
- ▶ Stable uniform surface for reproducible results
- ▶ Optically clear surface
- ▶ Special clear-bottom microplates with opaque walls for minimal well-to-well crosstalk
- ▶ Low background fluorescence and/or luminescence

Poly-D Lysine Surface: Beyond the Competition

Poly-D Lysine (PDL) coated polystyrene multiwell plates are coated with a 70-150 kDa PDL polymer via a proprietary method. This polymer creates a uniform net positive charge on the plastic surface which can enhance cell attachment, growth, and differentiation.

- Fosters increased survival in serum-free and low serum conditions for certain cell types
- High coating homogeneity
- Two-year shelf life under preferred storage conditions, 4° to 30°C, in a dry place



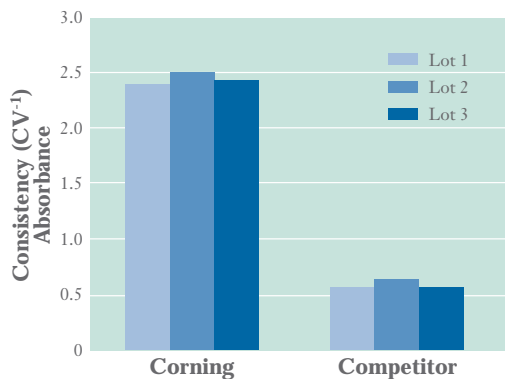
Quality Testing

Each lot of Poly-D Lysine coated plates has been tested for cell attachment performance in serum free media using BHK-21 adherent cells.

Each lot is also tested for endotoxins, bacteria, and fungi.

Cell Lines

Numerous cell lines have been cultured successfully on PDL coated surfaces, including HEK-293, L929, BHK-21, Fluorescent Cell Proliferation Assay, and WST1 Cell Proliferation Assay.



PDL-coated microplates exhibit higher consistency of well-to-well coating than those of a leading competitor. The amount of PDL coating per well was determined on three separate lots of Corning 96 well PDL-coated clear microplates. Corning microplates have an average well-to-well coating variability of 4.1%, whereas the leading competitor shows an average coating variability of 16.2%.*

Poly-D Lysine Surface: Perfect for a Wide Variety of Applications

- High Throughput cell-based assays
- Immunofluorescence/chemiluminescence microscopy
- Ionic coupling of small negatively-charged biomolecules

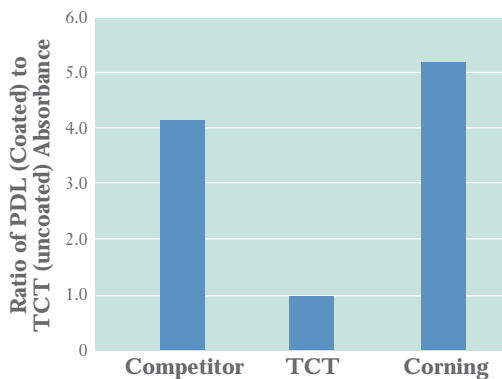
Poly-D Lysine Ordering Information

All Poly-D Lysine products include Corning universal polystyrene clear lids.

Cat. No.	Description	Qty./Pack	Qty./Case
3665	96 well Microplate, clear, flat bottom	25	100
3666	96 well Microplate, white, clear bottom	25	100
3667	96 well Microplate, black, clear Bottom	25	100
3662	384 well Microplate, clear, flat bottom	25	100
3663	384 well Microplate, white, clear bottom	25	100
3664	384 well Microplate, black, clear bottom	25	100

To order or for customer support on microplates, please call 1-800-492-1110. For additional product information, visit our website:

www.corning.com/lifesciences.



Corning 384 well PDL coated microplates have over 60% more cell attachment capacity than those of a leading competitor. Comparison of cell attachment capacity with Corning PDL coated plates to competitor's PDL coated plates and uncoated TCT plates. BHK-21 cells (1 x 10⁴ cells/well) were incubated in 25 µl of DMEM F-12 media in 8 replicate wells for 1 hour (37°C, 5% CO₂) on 384 well black/clear bottom microplates.*

