

Corning® BioCoat™ Laminin Cellware Continued

CORNING



Laminin Culture Dishes

Code	Ø, mm	Inner Pack	Pack	Price
354405	60	5	20	£227.00
354452	100	5	10	£242.00



Corning® BioCoat™ Matrigel® Matrix Cellware

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Matrigel® basement membrane matrix is a solubilised basement membrane preparation extracted from the Engelbreth-Holm-Swarm (EHS) mouse sarcoma, a tumour rich in ECM proteins. Its major component is laminin, followed by collagen IV, heparan sulphate proteoglycans, entactin, and nidogen. Effective for the attachment and differentiation of both normal and transformed anchorage-dependent epithelial and other cell types including neurons and oligodendrocytes. Applications include elicitation of tissue-specific cellular morphology and protein production in epithelial cells, differentiation of endothelial, muscle, and neuronal cells, and development of three-dimensional matrix model systems.

- Source: EHS mouse tumour
- Formulation: Dulbecco's Modified Eagles' Medium with 50µg/mL gentamycin
- Compatible with all culture media
- Tested for ability to promote neurite outgrowth from chick dorsal root ganglia in the absence of NGF
- Tested and found negative for bacteria and fungi
- Coating is conducted in a highly controlled, cGMP, aseptic manufacturing environment to ensure lot-to-lot consistency, reproducibility, and contamination control

Supplied in packs of 2 (individually wrapped)

Code	Description	Price
354432	6 well clear, flat bottom plates with lid	£498.00
354433	24 well clear, flat bottom plates with lid	£545.00

Corning® BioCoat™ Poly-Lysine Cellware

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Poly-D-Lysine (PDL) and Poly-L-Lysine (PLL) are synthetic compounds that enhance cell adhesion and protein absorption by altering surface charges on the culture substrate. In addition to promoting cell adhesion, poly-lysine surface treatments support neurite outgrowth and improve the survival of many central nervous system (CNS) primary cells in culture. As PDL and PLL are synthetic molecules, they do not stimulate biological activity in the cells cultured on them, and they do not introduce impurities carried by natural polymers. Applications include attachment and spreading of a variety of cell types, cell differentiation and neurite outgrowth, attachment of fastidious transfected cell lines, supporting survival of primary neurons in culture, serum-free or reduced-serum culture.

- Source: synthetic
- PDL MW: 75-150kD, PLL MW: 30-70kD
- Tested for ability to promote firm attachment of RCG cells and a variety of other cell types
- Tested and found negative for bacteria and fungi