

Coated Culture plates

2D or monolayer cell culture often uses extracellular matrix proteins to mimic the natural environment of adherent cells

- The standard cell culture plates are then coated with extracellular matrix proteins (Collagen Type I, Fibronectin, Laminin) or synthetic proteins (Poly-D- and Poly-L-Lysine). They thus allow better adhesion, growth and differentiation of cells
- These coated plates are ideally suited for cell cultures in serum-free media and for protocols involving additional wash steps or stressful steps, e.g. transfection

Enter the Cat. No. on dulis.nl to find the Corning BioCoat™ media guide



- The choice of coating to be used depends on the cells to be cultured and therefore on the composition of the extracellular matrix *in vivo* for these cells

Corning® Biocoat® coated transparent multi-well plates and microplates

CORNING

- **Matrigel®**: basal membrane extracted from the EHS (Engelbreth-Holm-Swarm) tumour
- **Main components:** laminin, collagen IV, entactin, proteoglycans
- **When it solidifies it forms a structure equivalent to a basal membrane in terms of its composition, structure and physical properties**



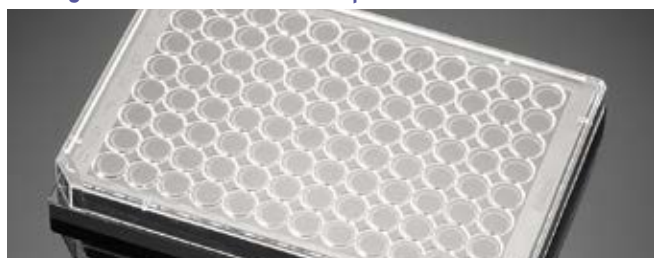
Cat. No.	Number of wells	Type of bottom	Treatment	Units/bag	Units/carton	€ Excl. VAT/carton
354408	24	Flat	Collagen I	5	5	NC -
356408	24	Flat	Collagen I	5	50	NC -
354430	24	Flat	Collagen IV	5	5	NC -
354411	24	Flat	Fibronectin	1	5	NC -
354412	24	Flat	Laminin	5	5	NC -
354433	24	Flat	Matrigel®	1	2	NC -
354605	24	Flat	Matrigel® thin layer	5	5	NC -
354414	24	Flat	Poly-D-Lysine	5	5	NC -
356414	24	Flat	Poly-D-Lysine	5	50	NC -
354505	48	Flat	Collagen I	5	5	NC -
356505	48	Flat	Collagen I	5	50	NC -
354509	48	Flat	Poly-D-Lysine	5	5	NC -
356509	48	Flat	Poly-D-Lysine	5	50	NC -
354407	96	Flat	Collagen I	5	5	NC -
356407	96	Flat	Collagen I	5	50	NC -
354429	96	Flat	Collagen IV	5	5	NC -
354409	96	Flat	Fibronectin	5	5	NC -
354689	96	Flat	Gelatin	5	5	NC -
356689	96	Flat	Gelatin	5	50	NC -
354410	96	Flat	Laminin	5	5	NC -
354607	96	Flat	Matrigel® thin layer	5	5	NC -
354461	96	Flat	Poly-D-Lysine	5	5	NC -
356461	96	Flat	Poly-D-Lysine	5	50	NC -
354516	96	Flat	Poly-L-Lysine	5	5	NC -
356516	96	Flat	Poly-L-Lysine	5	50	NC -

Cat. No.	Number of wells	Type of bottom	Treatment	Units/bag	Units/carton	€ Excl. VAT/carton
354400	6	Flat	Collagen I	5	5	NC -
356400	6	Flat	Collagen I	5	50	NC -
354428	6	Flat	Collagen IV	1	5	NC -
354402	6	Flat	Fibronectin	1	5	NC -
354652	6	Flat	Gelatin	5	5	NC -
356652	6	Flat	Gelatin	5	50	NC -
354404	6	Flat	Laminin	1	5	NC -
354432	6	Flat	Matrigel®	1	2	NC -
354603	6	Flat	Matrigel® thin layer	5	5	NC -
354413	6	Flat	Poly-D-Lysine	5	5	NC -
356413	6	Flat	Poly-D-Lysine	5	50	NC -
354515	6	Flat	Poly-L-Lysine	5	5	NC -
354500	12	Flat	Collagen I	5	5	NC -
356500	12	Flat	Collagen I	5	50	NC -
354470	12	Flat	Poly-D-Lysine	5	5	NC -
356470	12	Flat	Poly-D-Lysine	5	50	NC -

Corning® Biocoat® coated black and white multi-well plates and microplates

CORNING

Corning® Biocoat® coated multi-well plates



Cat. No.	Number of wells	Type of bottom	Treatment	Units/bag	Units/carton	€ Excl. VAT/carton
354649	96	Flat-Transparent	Collagen I	5	5	NC -
356649	96	Flat-Transparent	Collagen I	5	50	NC -
354640	96	Flat-Transparent	Poly-D-Lysine	5	5	NC -
356640	96	Flat-Transparent	Poly-D-Lysine	5	50	NC -
Angiogenesis: Tube formation						
354149	96	Flat-Transparent	Matrigel™	1	1	NC -
354150	96	Flat-Transparent	Matrigel™	1	5	NC -

Corning® Biocoat® coated white multi-well plates



Cat. No.	Number of wells	Type of bottom	Treatment	Units/bag	Units/carton	€ Excl. VAT/carton
354519	96	Flat-White	Collagen I	5	5	NC -
356519	96	Flat-White	Collagen I	5	50	NC -
354650	96	Flat-Transparent	Collagen I	5	5	NC -
356650	96	Flat-Transparent	Collagen I	5	50	NC -
354651	96	Flat-Transparent	Poly-D-Lysine	5	5	NC -
356651	96	Flat-Transparent	Poly-D-Lysine	5	50	NC -
354620	96	Flat-White	Poly-D-Lysine	5	5	NC -
356620	96	Flat-White	Poly-D-Lysine	5	50	NC -