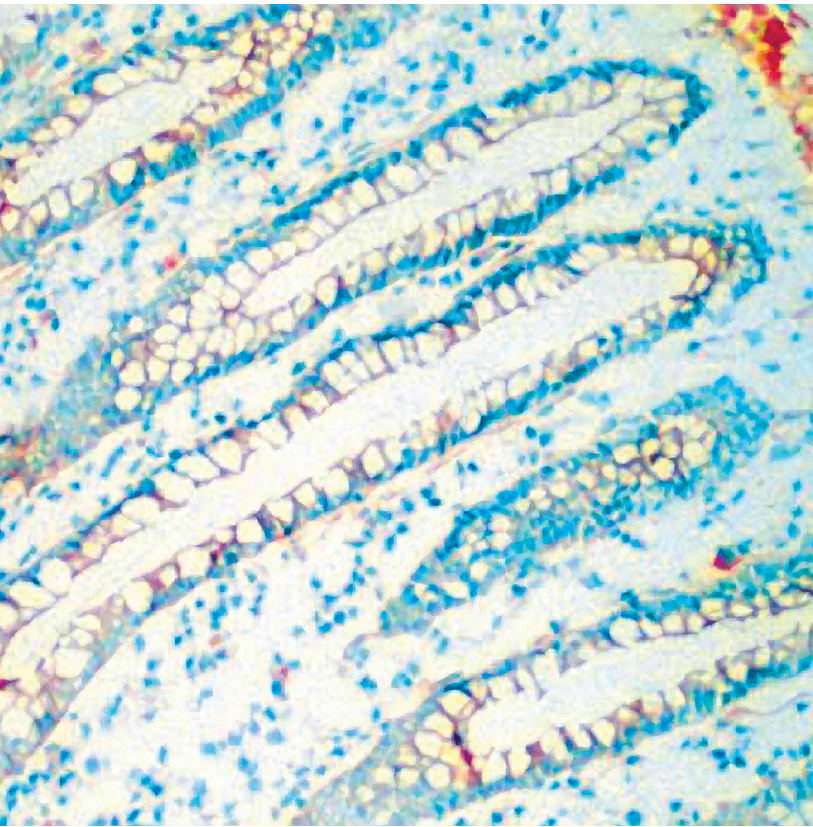




ECM proteins and coated plates



Extracellular matrix (ECM) proteins are produced intracellularly and are subsequently secreted into the surrounding cellular medium, actively regulating a diverse range of cell functions including cell adhesion, differentiation, proliferation, migration, invasion and survival. A primary utility of ECMs in *in vitro* culture is to promote cellular adhesion while maintaining cell viability and maximizing cell proliferation for downstream cell-based applications. Studies show that anchorage dependent cells growing on ECM undergo more efficient plating, have a higher proliferation rate, reach a higher density, and require lower serum and growth factor concentrations—demonstrating enhanced differentiation potential.

Millipore offers a wide variety of ECM proteins and coated cultureware to meet the individual needs of your cell line. Our ECM Cell Culture Optimization Array can help you determine the best coating and concentration for your particular cell type. Once you know what you need, you can choose from the convenience of precoated cultureware or the flexibility of making your own coatings with our ECM proteins and plates. No matter what your research demands, we have a format to meet your needs.



Millicore™ Extracellular Matrix (ECM)-Coated Plasticware

Millicore Plates

Millicore now offers precoated multiwell plates in 6- and 24-well formats. Coatings include collagen, fibronectin, and poly-D-lysine. Precoated products offer a great advantage to researchers. There is no lengthy coating process, plates are coated by a consistent process and they are always available when needed.

Millicore ECM Coated Tissue Culture Plates

Item Description	Catalogue No.	Qty/Pk
Millicore Collagen I 6-well plate	PICL06P05	5
Millicore Collagen I 24-well plate	PICL24P05	5
Millicore Poly-D-Lysine 6-well plate	PIDL06P05	5
Millicore Poly-D-Lysine 24-well plate	PIDL24P05	5
Millicore Fibronectin 6-well plate	PIFB06P05	5
Millicore Fibronectin 24-well plate	PIFB24P05	5

Millicore Strips

For convenience and flexibility in designing assays, try our Millicore cell adhesion strips, provided as 12 removable 8-well strips in a plate frame. The wells in rows A-G are precoated with an ECM protein and row H is coated with BSA to serve as a negative control.

Millicore ECM Coated Strips

Item Description	Catalogue No.	Qty/Pk
Millicore Human Fibronectin Coated Strips	ECM101	1 plate
Millicore Human Vitronectin Coated Strips	ECM102	1 plate
Millicore Human Laminin Coated Strips	ECM103	1 plate
Millicore Human Collagen Type I Coated Strips	ECM104	1 plate
Millicore Human Collagen Type IV Coated Strips	ECM105	1 plate
Millicore Screening Kit	ECM205	1 set

Optimization Array

The ECM Cell Culture Optimization Array is the first commercially-available tool of its kind to enable researchers to not only quickly identify the best ECM protein for their cell culture environment, but also pinpoint the concentration needed to achieve optimal cell growth conditions.

ECM Cell Culture Optimization Arrays

Item Description	Catalogue No.	Qty/Pk
ECM Cell Culture Optimization Array (96-well, colorimetric)	ECM541	1 kit
ECM Cell Culture Optimization Array (48-well, colorimetric)	ECM542	1 kit
ECM Cell Culture Optimization Array (96-well, fluorometric)	ECM546	1 kit

ECM Proteins

From the most commonly used proteins to more specialized matrices, Millipore has the substrate you need. Please visit www.millipore.com/ecmproteins for the most up-to-date selection—we are constantly adding new products to support your research.

ECM Proteins: Collagen

Item Description	Catalogue No.	Qty/Pk
Human Collagen Type I	CC050	100 µg
Human Collagen Type II	CC052	100 µg
Human Collagen Type III	CC054	100 µg
Human Collagen Type IV	CC076	100 µg
Human Collagen Type V	CC077	100 µg
Bovine Collagen Type III	CC078	10 mg
Bovine Collagen Type VI	CC086	250 µg
Rat Tail Collagen Type I	08-115	100 mg
Chicken Collagen Type II	CC092	1 mg

ECM Proteins: Fibronectin

Item Description	Catalogue No.	Qty/Pk
Human Plasma Fibronectin, purified	FC010	1 mg
Human Plasma Fibronectin, purified	FC010-5MG	5 mg
Human Plasma Fibronectin, purified	FC010-10MG	10 mg
Human Plasma Fibronectin, purified	FC010-100MG	100 mg
Human Cellular Fibronectin	08-102	1 mg
Human Fibronectin, 40 kDa fragment	F1903	500 µg
Human Fibronectin, 120 kDa fragment	F1904	500 µg
Bovine Fibronectin, purified	FC014	500 µg

ECM Proteins: Laminin

Item Description	Catalogue No.	Qty/Pk
Mouse Laminin, purified	CC095	1 mg
Mouse Laminin, purified	08-125	2 mg
Human Merosin	CC085	500 µg
Human Laminin, purified	AG56P	100 µg
Rat Laminin-5, purified	CC145	10 µg

ECM Proteins: Vitronectin

Item Description	Catalogue No.	Qty/Pk
Human Vitronectin, purified	CC080	100 µg
Human Vitronectin, recombinant	08-126	500 µg

ECM Proteins: Tenascin

Item Description	Catalogue No.	Qty/Pk
Human Tenascin-C Protein, purified	CC065	100 µg
Chicken Tenascin-C Protein	CC115	100 µg

ECM Proteins: Additional Matrices

Item Description	Catalogue No.	Qty/Pk
ECL Cell Attachment Matrix	08-110	5 mg
Poly-D-Lysine solution, 1 mg/mL	A-003-E	20 mL
Chicken Extracellular Chondroitin Sulfate Proteoglycan Mix	CC117	100 µg

Tissue Culture Treated Plates

Tissue culture treated plates offer a surface to which most adherent cells can attach and proliferate. The 6-, 12-, and 24-well formats provide users flexibility to run multiple samples simultaneously. These plates can be easily prepared for SEM and TEM, and are compatible with cellular and fluorescent staining procedures. These plates can be used independently for general cell culture applications, or as receiver plates for membrane-based Millicell® inserts. All plates are individually wrapped and sterilized.

Tissue Culture Treated Plates

Item Description	Catalogue No.	Qty/Pk
6-well TC treated cell culture plate	PIMWS0650	50
12-well TC treated cell culture plate	PIMWS1250	50
24-well TC treated cell culture plate	PIMWS2450	50

TO PLACE AN ORDER OR RECEIVE TECHNICAL ASSISTANCE

For additional information call your nearest Millipore office:

In the U.S. and Canada, call toll-free
1-800-MILLIPORE (1-800-645-5476)

In the U.S., Canada and Puerto Rico, fax orders to
1-800-MILLIFX (1-800-645-5439)

Outside of North America contact your local office.

To find the office nearest you: www.millipore.com/offices

Internet: www.millipore.com

Technical Service: www.millipore.com/techservice



www.millipore.com/offices