

# BD FluoroBlok Cell Culture Inserts

Fluorescence blocking membranes and optimized assay systems.

## Features

- Save time by eliminating cell scraping and manual cell counting in cell migration and invasion assays.
- Available in individual and automation-compatible 24- and 96-multiwell formats.
- Improve efficiency with optimized assay systems.
- Increase data from each well by taking multiple readings from the same well during kinetic assays.
- Enhance data reproducibility with lot-to-lot consistent protein coating.

Eliminate cell scraping and manual cell counting with BD FluoroBlok™ fluorescence blocking membranes for cell migration and invasion assays.

## Save time with fluorescence blocking membrane

BD FluoroBlok cell culture inserts are designed with a patented light-tight polyethylene terephthalate (PET) membrane that efficiently blocks the transmission of light within the range of 490-700 nm, allowing fluorescence detection in a simplified and non-destructive manner. Fluorescently labeled cells present in the top chamber of the insert are shielded from bottom-reading fluorescence plate readers and microscopes. Once labeled cells migrate through the membrane, they are easily detected by a bottom-reading fluorescence plate reader thereby eliminating cell scraping and manual cell counting. This non-destructive detection method enables both kinetic and endpoint migration and invasion assays. BD FluoroBlok cell culture inserts are available in individual and multiwell formats with 3.0 µm and 8.0 µm pore sizes.

## Improve efficiency with optimized assay systems

Optimized assay systems are available for in vitro angiogenesis and tumor cell invasion assays. BD BioCoat™ angiogenesis systems are comprised of 3.0 µm inserts with biological coatings optimized for use in endothelial cell migration and invasion. BD BioCoat tumor invasion systems, 8.0 µm inserts pre-coated with BD Matrigel™ matrix, provide more reliable data with lot-to-lot consistent protein coating.

## Increase throughput with automation-friendly formats

BD Falcon™ and BD BioCoat 24- and 96-multiwell insert systems offer an automation-friendly format compatible with most robots and fluid handlers, allowing users to handle 24- or 96-well inserts simultaneously as all inserts are part of a single unit. BD Falcon FluoroBlok multiwell inserts systems provide tissue culture-treated inserts for cell migration assays. BD BioCoat FluoroBlok multiwell insert systems provide reliable, lot-to-lot consistent protein coatings for tumor cell invasion and endothelial cell migration and invasion assays.

Visit [bdbiosciences.com](http://bdbiosciences.com) for more information.



# BD FluoroBlok Cell Culture Inserts

## Order Information

Individual cell culture inserts

Description	Pore size (µm)	Qty./Pack	Plates/Case	Inserts/Case	Cat. No.
BD Falcon™ FluoroBlok™ tissue culture-treated (TC) inserts, 24-well For use with BD Falcon Insert 24-well Companion Plate (353504)	3	1	NA	48	351151
	8	1	NA	48	351152
BD BioCoat™ FluoroBlok fibronectin inserts 12 individual inserts per 24-well plate	3	12	2	24	354597

Companion plates for individual inserts

Description	Qty./Pack	Qty./Case	Cat. No.
BD Falcon 24-well companion plate, TC-treated	1	50	353504

BD Falcon FluoroBlok multiwell insert systems

Description	Pore size (µm)	Qty./Pack	Plates/Case	Inserts/Case	Cat. No.
24-multiwell insert systems in a 24-well plate	3	1 x 24-multiwell	1	1 x 24-multiwell	351155
	3	1 x 24-multiwell	5	5 x 24-multiwell	351156
24-multiwell insert systems in a 24-well plate	8	1 x 24-multiwell	1	1 x 24-multiwell	351157
	8	1 x 24-multiwell	5	5 x 24-multiwell	351158
96-multiwell insert systems in a 96-square well, flat-bottom plate	3	1 x 96-multiwell	1	1 x 96-multiwell	351161
	3	1 x 96-multiwell	5	5 x 96-multiwell	351162
96-multiwell insert systems in a 96-square well, flat-bottom plate	8	1 x 96-multiwell	1	1 x 96-multiwell	351163
	8	1 x 96-multiwell	5	5 x 96-multiwell	351164

Assay systems

Pre-packaged in multiwell plates. All assays include a complete protocol.

Description	Fibronectin	BD Matrigel™	Pore size (µm)	Qty./Pack	Plates/Case	Inserts/Case	Cat. No.
BD BioCoat™ angiogenesis system: endothelial cell migration, multiwell insert system in 24-well plate	X		3	1 x 24-multiwell	1	1 x 24-multiwell	354143
	X		3	1 x 24-multiwell	5	5 x 24-multiwell	354144
BD BioCoat angiogenesis system: endothelial cell migration, multiwell insert system in 96-well plate	X		3	1 x 96-multiwell	1	1 x 96-multiwell	354147
	X		3	1 x 96-multiwell	5	5 x 96-multiwell	354148
BD BioCoat angiogenesis system: endothelial cell invasion, multiwell insert system in 24-well plate		X	3	1 x 24-multiwell	1	1 x 24-multiwell	354141
		X	3	1 x 24-multiwell	5	5 x 24-multiwell	354142
BD BioCoat tumor invasion systems, multiwell insert system in 24-well plate		X	8	1 x 24-multiwell	1	1 x 24-multiwell	354165
		X	8	1 x 24-multiwell	5	5 x 24-multiwell	354166
BD BioCoat tumor invasion systems, multiwell insert system in 96-well plate		X	8	1 x 96-multiwell	1	1 x 96-multiwell	354167
		X	8	1 x 96-multiwell	5	5 x 96-multiwell	354168

To place an order in the U.S., contact Customer Service at: tel: 877.232.8995 fax: 800.325.9637  
For technical assistance, contact Technical Support at: tel: 877.232.8995 or 978.901.7389



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