

Right microplate. Right surface. Right now.



THE RIGHT SURFACE FOR EVERY CELL







# BD Microplates. Streamlined selection. Reliable results.

At BD Biosciences – Discovery Labware we are committed to enhancing cell culture and accelerating discovery through innovative products and dedicated service. We strive to make drug discovery more efficient and convenient by offering versatile choice, outstanding quality, consistency, and value.

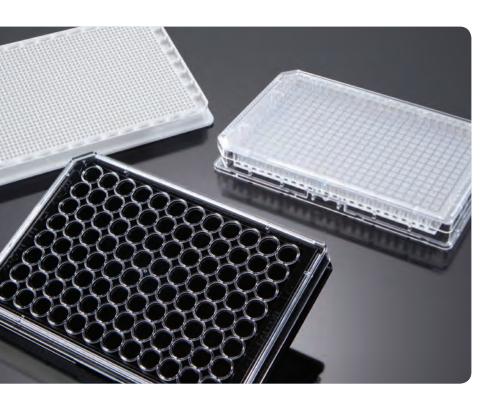
BD Biosciences offers a broad portfolio of microplates designed for use with adherent cell assays, a wide selection of surface treatments, to include biological ECM coatings (BD BioCoat<sup>TM</sup>) and synthetic surface coatings (BD PureCoat<sup>TM</sup>), as well as tissue cultured-treated surfaces (BD Falcon<sup>TM</sup>) – ensuring that you have options for selecting the right plate for your assays and the right surface for your cells.

Trust BD microplates for better discovery, better detection, and better decision-making tools.



## SECTION 01: BD MICROPLATES

# **BD Microplates:** The right surface for every cell.



### A legacy of innovative surfaces for enhanced confidence in results and consistency

BD was the first to offer a unique line of tissue culture vessels coated with a variety of extracellular matrix proteins and attachment factors: BD BioCoat™ cultureware. Today, BD continues to innovate with BD PureCoat,™ a one-of-a-kind family of animal-free and chemically-defined surfaces.

BD understands the importance of consistency and the need for reproducible results. Through proprietary manufacturing and exacting quality control, we are able to assure performance of our products as well as consistency from lot-to-lot.

BD Biosciences microplates' portfolio comprises three different surface families defined by a wide selection of biological (BD BioCoat), synthetic (BD PureCoat), or tissue culture-treated surfaces (BD Falcon<sup>TM</sup>) and footprints designed to facilitate and enhance discovery.

### MICROPLATE SELECTION GUIDE BY SURFACE, FORMAT, AND PLATE COLOR

FORMAT AND COLOR					BIOLOGI BD	CAL ECM BioCoat						SYNTHETIC BD PureCoat™		CULTURE- ATED
	Collagen I	Collagen IV	Poly-L-Lysine	Poly-D-Lysine	Gelatin	BD Matrigel <sup>TM</sup> - Thin Layer	Fibronectin	Laminin	Laminin/Fibronectin	Laminin/Poly-D-Lysine	Laminin/Poly-L-Ornithine	Amine	BD Falcon TC-treated	BD Primaria™
96-well														
Clear	•	•	•	•	•	•	•	•	•	•	•		•	•
White	0			0									0	
Black													•	
White/Clear	0			0									0	
Black/Clear	0			0								0	0	
384-well														
Clear	•													
White	0			0									0	
Black													•	
White/Clear	0			0									0	
Black/Clear	0			0								0	0	
384-well small vol.														
White													•	
Black													•	
Black/Clear	0			0										
1536-well														
White													0	
Black													•	
White/Clear													0	
Black/Clear				0								0	0	

#### Feature

- Superior lot-to-lot and intra-well consistency for reproducible results (CV values <10%)
- Minimized cross talk well-to-well for superior data points
- **Versatility of plate colors** to suit your detection method of choice
- Stackable design for enhanced stability

- Optimal surfaces selection to optimize your cell culture needs
- Alphanumeric well coding
- Enhanced footprint uniformity conformed to American National Standards Institute (ANSI)
- Lid design allows for optimal gas exchange with lowest possible evaporation and no cross-contamination

#### Service

- Dedicated technical support to assist in custom coating, bar-coding, product/surface recommendations, or troubleshooting
- Personalized attention with custom coatings and bar-coding service
- Custom ordering with lid of choice available

### **COLOR KEY FOR PLATE COLORS**

DETECTION METHOD	PLATE COLOR RECOMMENDATION
Colorimetric	Clear
Fluorescence	<ul><li>Black</li></ul>
	O Black/Clear
Luminescence	O White
	White/Clear
Radiometric	Clear
Imaging	O Black/Clear
	White/Clear

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# **BD Microplates:** The right plates for your assays.

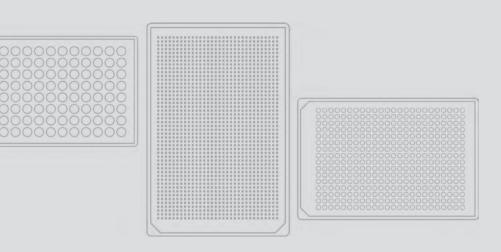
### **SURFACE SELECTION GUIDE BY ASSAY TYPE**

ASSAY TYPE				BIOLO	GICAL I	ECM-CC Coat™	ATED					SYNTHETIC BD PureCoat™		CULTURE- ATED
	Collagen I	Collagen IV	Poly-D-Lysine	Poly-L-Lysine	Gelatin	BD Matrigel™ - Thin Layer	Fibronectin	Laminin	Laminin/Fibronectin	Laminin/Poly-D-Lysine	Laminin/Poly-L-Ornithine	Amine	BD Falcon <sup>TM</sup> TC-treated	BD Primaria™
Ion channel/Calcium flux (FLIPR)	<b>V</b>		<b>V</b>	<b>V</b>								<b>V</b>	<b>V</b>	<b>V</b>
GPCR (Act/Inact)	<b>V</b>		<b>V</b>	<b>V</b>								<b>✓</b>	<b>V</b>	<b>V</b>
Cell cytoxicity	<b>V</b>	<b>V</b>	<b>V</b>	<b>V</b>	<b>V</b>		<b>V</b>	<b>V</b>	<b>V</b>	<b>V</b>	<b>V</b>	<b>V</b>	<b>V</b>	<b>V</b>
Cell proliferation	<b>V</b>	<b>V</b>	<b>V</b>	<b>V</b>	<b>V</b>	<b>V</b>	<b>V</b>	<b>V</b>	<b>V</b>	<b>V</b>	<b>V</b>	<b>V</b>	<b>V</b>	<b>✓</b>
Cell adhesion	<b>V</b>	<b>V</b>	<b>V</b>	<b>V</b>	<b>V</b>	<b>V</b>	<b>V</b>	<b>V</b>	<b>V</b>	<b>V</b>	<b>V</b>	<b>V</b>	<b>V</b>	<b>V</b>
Differentiation (primary cells)	<b>V</b>	<b>V</b>	<b>V</b>	<b>V</b>		<b>V</b>	<b>V</b>	<b>V</b>	<b>V</b>	<b>V</b>	<b>V</b>	<b>V</b>	<b>V</b>	<b>V</b>
Cell migration							<b>V</b>							
Reporter gene	<b>V</b>	<b>V</b>	<b>V</b>	<b>V</b>			<b>V</b>	<b>V</b>		<b>V</b>		<b>V</b>	<b>V</b>	<b>V</b>
Neurite outgrowth	<b>V</b>					<b>V</b>		<b>V</b>	<b>V</b>	<b>V</b>	<b>V</b>	<b>V</b>		<b>V</b>

### **SURFACE SELECTION GUIDE BY CELL TYPE**

CELL TYPE			Ē	BIOLOGICAL BD Bio	ECM-COATE Coat™	D			SYNTHETIC BD PureCoat™	TISSUE C	
	Collagen I	Collagen IV	Poly-D-Lysine	Poly-L-Lysine	Fibronectin	Laminin	Laminin/Poly-D-Lysine	Laminin/Poly-L-Ornithine	Amine	BD Falcon <sup>TM</sup> TC-treated	BD Primaria™
HEK-293	<b>V</b>		<b>V</b>	<b>V</b>	<b>V</b>				<b>V</b>		<b>V</b>
СНО	<b>V</b>		<b>✓</b>	<b>~</b>					<b>~</b>	<b>V</b>	<b>✓</b>
Primary cells			<b>V</b>	<b>V</b>					<b>V</b>		<b>V</b>
HeLa										<b>V</b>	
HEPG2	<b>V</b>								<b>✓</b>	<b>V</b>	
COS-7			<b>~</b>	<b>✓</b>						<b>V</b>	<b>✓</b>
SH5Y	<b>V</b>	<b>V</b>				<b>V</b>	<b>V</b>	<b>V</b>			
CaCo	<b>V</b>									<b>V</b>	
ВНК			<b>V</b>	<b>V</b>	<b>V</b>				<b>✓</b>	<b>V</b>	
Vero										<b>V</b>	
hMSCs							<b>~</b>	<b>~</b>	<b>✓</b>	<b>V</b>	

Note: The above table shows only a representative list of cell types, for additional information please contact Technical Support at 877.232.8995.



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### SECTION 02: BD BIOCOAT

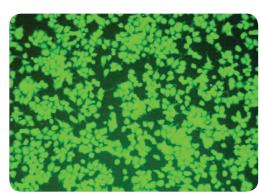
## **BD BioCoat:**Biological ECM-Coated.



## BD BioCoat microplates are offered in a variety of surface treatments to provide enhanced cell attachment and growth

BD BioCoat™ microplates have been further enhanced (versus TC) with biological coatings of highly purified extracellular matrix (ECM) proteins for the cell culture of more complex cell models, to include transformed cell lines, transfected cells, as well as a variety of primary and stem cells.

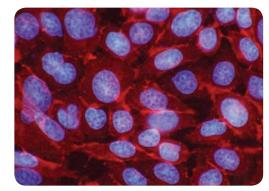
BD BioCoat microplates are coated in a highly controlled, asceptic manufacturing environment to ensure lot-to-lot consistency, assay reproducibility and contamination control.



HEK-293 cells on BD BioCoat PDL

### BD BioCoat Poly-Lysine microplates Poly-D-Lysine (PDL) is a synthetic pol

Poly-D-Lysine (PDL) is a synthetic polymer that enhances cell adhesion and protein absorption by altering surface charges on the culture substrate. As PDL are synthetic molecules, they do not introduce impurities carried by natural polymers. Many transfected cells, but also neuronal cell lines, primary neurons and glial cells have been cultured successfully on PDL.



CHO cells on BD BioCoat Collagen I

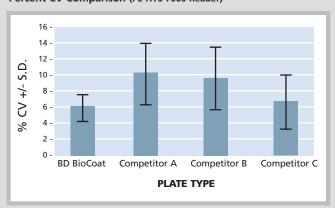
### **BD BioCoat Collagen I microplates**

Collagen I, found in most tissues and organs, is most plentiful in dermis, tendon, and bone. It is an integral part of the framework that holds cells and tissues together and has been recognized as a useful matrix for improving cell culture. In vitro use of collagen can exert effect on the adherence, morphology, growth, migration, and differentiation of a variety of cell types. Typical examples of cells grown on collagen I are endothelial cells (e.g., HUVEC), hepatocytes, muscle cells, PC12 cells, osteoclasts, or transfected HEK-293 cells.

Note: Additional biological surface coatings are available. Please visit bdbiosciences.com/microplates to learn more.

### BD BioCoat PDL 384-well Black/Clear Plates

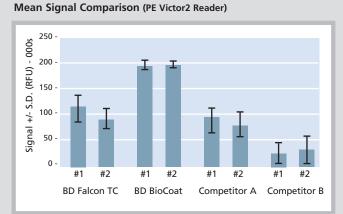
Percent CV Comparison (PE HTS 7000 Reader)



#### Superior cell attachment and lower CVs with BD BioCoat PDL

A signal and coefficient of variation (CV) comparison of BD BioCoat PDL 384-well Black/Clear plates versus respective competitor plates show that BD BioCoat plates exhibit better cell attachment and lower CVs, demonstrating superior performance and consistency. The PDL plates were tested for signal from Calcein AM-labeled BD EcoPack<sup>TM</sup>2-293 cell one day after seeding in serum-free medium and washing on a Skatron Washer (Molecular Devices). Intra- and inter-plate percent CVs were measured to ensure even coating. Signal data represents the average of three plates. CV data represents an average of twelve plates, three from four separate experiments.

### BD BioCoat Collagen I 96-well Clear Plates



### Superior cell attachment and lower CVs with BD BioCoat Collagen I

A signal and CV comparison of BD BioCoat Collagen I 96-well Clear plates versus respective competitor plates show that BD BioCoat plates exhibit better cell attachment and lower CVs, demonstrating superior performance and consistency. The collagen plates were tested for signal from Calcein AM-labeled HT-1080 cells seeded at 50,000 cells/well one hour after seeding in serum-free medium and handwashing. Intra- and inter-plate percent CVs were measured to ensure even coating.

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## SECTION 03: BD PURECOAT

### **BD PureCoat: Chemically-Defined (Synthetic) Coated.**

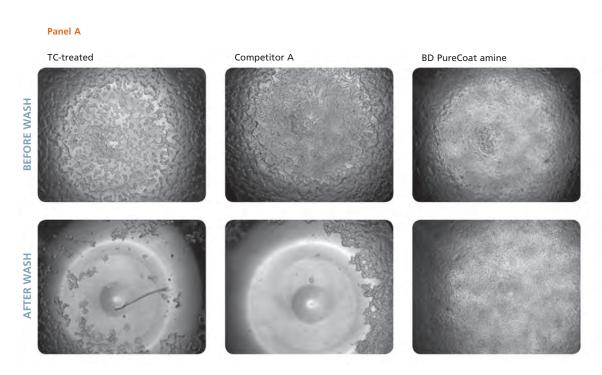


### Defined and synthetic BD PureCoat surface for robust, consistent and reproducible assays

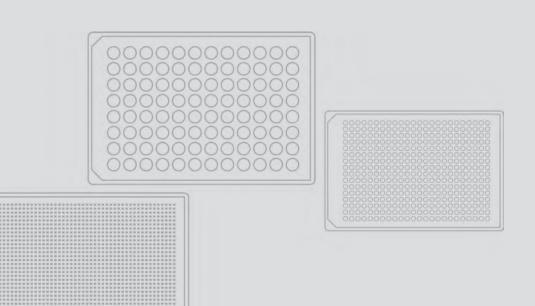
BD PureCoat™ microplates have been pre-coated with chemically-defined (synthetic) attachment factors to provide an enhanced surface which is appropriate for a broad range of cell types (primary cells and transformed cell lines) and applications, but is ideal for applications requiring a more defined cell culture environment (serum-free or low serum-containing cultures). BD PureCoat microplates are preferred in a range of screening applications because of its unique chemicallydefined surface – a highly controlled environment for optimal cellular growth and more predictable, precise characterization, such as HEK-293 (transfected or not).

The novel BD PureCoat Amine, a positively charged surface, provides enhanced cell attachment of primary, transfected, transformed and fastidious cells in standard, serum-free or serum-reduced condition. The results: a robust, consistent and reproducible assay with the benefit of an animalfree and defined surface.

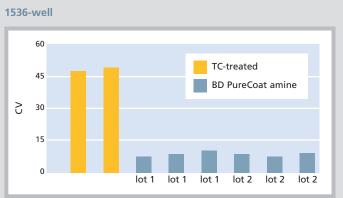
### **Enhanced Cell Attachment** and Consistency with BD PureCoat Amine.



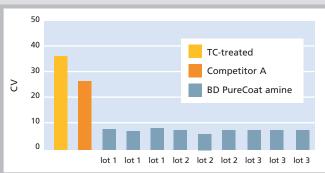
Enhanced attachment of EcoPack™2-293 cells, a viral packaging cell line on BD PureCoat amine. Cells were seeded onto 384- or 1536-well black/ clear BD PureCoat amine, TC-treated, or Competitor A plates at 10,000 cells/well and 2,250 cells/well, respectively, and grown under serum-free conditions for 20-24 hours. The cells were then washed (on a Skatron EMBLA washer) two times with HBSS containing 10 mM Hepes, loaded with calcein AM for 1 hour and read on a PerkinElmer EnVision plate reader. As shown in Panel A, pre- and post-wash images indicate that cells remain attached on BD PureCoat amine surfaces and are washed away on other surfaces tested (384-well format). Intra-plate CVs of multiple lots of BD PureCoat amine were < 10% for 384- and 1536-well plate formats, whereas CVs for TC-treated or Competitor A plates were much greater (Panel B) indicating superior reproducibility in cell-based assays on BD PureCoat amine surfaces.



### Panel B

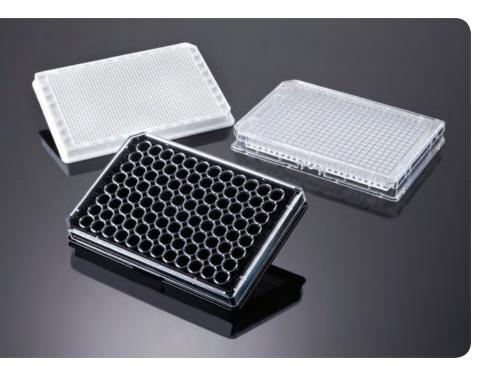


### 384-well



## SECTION 04: BD FALCON

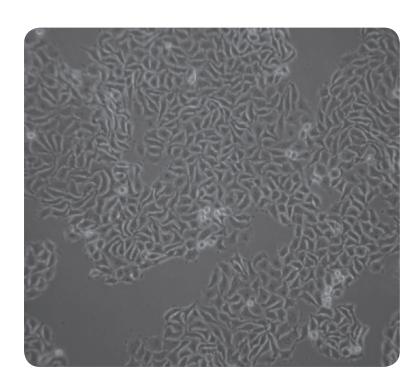
### **BD Falcon: Tissue Culture-Treated.**



### **BD Falcon tissue culture-treated**

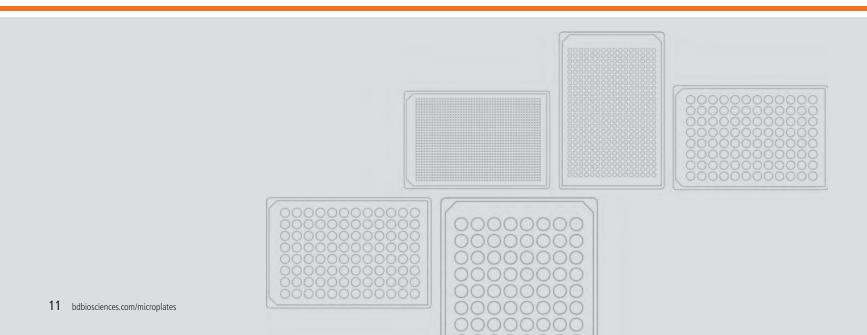
The BD Falcon™ brand is the leader in highquality cultureware building on a heritage of proven reliability and consistency for confident cell culture conditions to assure dependable research outcomes. The BD Falcon tissue culture-treated (TC) surface is a permanently hydrophilic surface which is produced via a unique vacuum-gas plasma process in a strictly controlled, closed environment, ensuring a highly consistent culture surface which is suitable for a broad range of cell types.

BD Falcon and BD Primaria™ surfaces support a range of applications and many important cell types including primary cells, stem cells, neuronal, mesenchymal, hepatocyte, and endothelial cells.



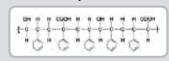
BD Primaria™ supports neuronal cells, primary cells, endothelial, and tumor cells which may have difficulty attaching to or differentiate poorly on traditional TC surfaces. This surface features a unique mixture of negatively charged (oxygen containing) and, positively charged (nitrogen containing) functional groups on the polystyrene. The surface consistency of each lot is confirmed by electron spectroscopy chemical analysis (ESCA).

When epithelial bladder cancer cells (KU19-19) are cultured on BD Primaria, cells nicely attach and spread on this surface. After 4 days in culture individual cells with characteristic morphology can be observed on BD Primaria. Magnification 100 X. Micrograph courtesy of Cancer Research UK laboratories at St. James' University Hospital, Leeds.



The surface chemistry of BD Primaria products is confirmed by Electron Scanning for Chemical Analysis (ESCA).

**Traditional Tissue Culture Surface Chemistry** 



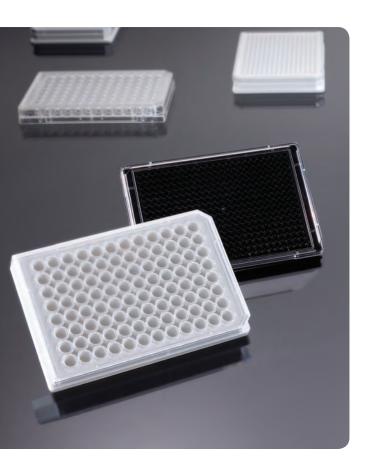
**BD Primaria Surface Chemistry** 



Note: At pH 7, carboxyl groups may be slightly dissociated and assume a negative (anionic) charge. Amine groups may protonate and assume a positive charge (cationic).



# **Custom Coating Services:** Right for your Application.



BD Biosciences custom coating services offer a wide selection of biological and synthetic coatings for application to BD Falcon™ microplates (from 96- to 1536-well plates), as well as flasks, dishes, multiwell plates, slides, and cell culture inserts, to meet all of your cell culture or assay needs.

### High lot-to-lot consistent biological surfaces

BD has extensive experience in thin film coating technologies and offers highly consistent and biologically functional surfaces. Our stringent quality control measures and documentation are designed to meet the needs of drug discovery and biotechnology applications. BD is committed to ensuring a high quality of products and services, and manufactures products according to an ISO9001 quality standard. Large manufacturing lot sizes can be accommodated.

### Wide selection of surface environments

Cell environments include a wide selection of extracellular matrix proteins and attachment factors in order to meet a broad range of cell culture and assay application requirements. Surfaces are ready-to-use, saving you time by increasing productivity with surfaces which have been optimized to meet the application requirements. Custom coated surfaces are available with bar-coding or bulk packaging.

### **Highly trained technical assistance**

BD's highly trained Technical Support staff can assist in the selection and qualification of an appropriate surface (extracellular or synthetic matrices) for use with a cell type or application. To contact your BD Biosciences Technical Support Representative please call 877.232.8995.

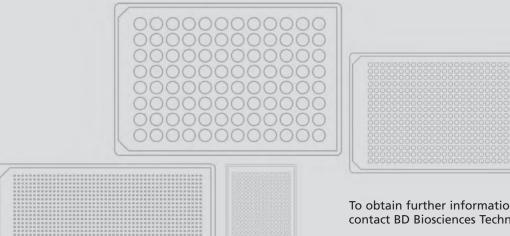
### **Bar-Coding Services:** Ready for High Throughput Efficiency.



BD Biosciences bar-coding service provides high-quality bar code labels affixed to any side of a BD Falcon™, BD BioCoat™, or BD PureCoat™ microplates. Bar-codes have been quality tested for optimal readability, chemical resistance, and temperature durability.

- Fast delivery
- Bulk-packaged microplates for ease of use in automated systems
- Flexible bar-code symbologies like CODE 39 (3-of-9), CODE 128, I (2/5) and PDF417
- Flexible bar-code positioning so that labels can be left-aligned, center-aligned or right-aligned
- Non-repeatable bar code sequence prevents label duplication
- Solvent resistance to methanol, DMSO, methylene choride, and ethyl acetate
- Ability to withstand prolonged exposure to temperatures ranging from -80°C to 121°C
- Sample bar-coded plates are provided in order to test compatibility with automated equipment.

The BD BioCoat Custom Coating Service can bring you the lot-to-lot consistency and ready-to-use convenience of the unique BD BioCoat™ product line. For more information, contact BD Biosciences Technical Support at 877.232.8995



To obtain further information about bar-coding services, contact BD Biosciences Technical Support at 877.232.8995

### 96-WELL PLATES – BASIC KEY DIMENSIONS

				А	В	С	D	D¹
BD Falcon™ Cat. No.	BD Falcon Untreated Cat. No.	BD BioCoat™ Cat. No.	BD PureCoat™ Cat. No.	Plate bottom length	Plate bottom width	Plate height	Well top diameter	Well bottom diameter
08-772-2C, 08-773-10, 08-772-36	•	08-774-5, 08-772-72, 10-129-9, 08-774-30, 08-774-127, 08-774-272, 10-129-1, 07-772-92, 08-772-93, 08-774-166	•	127.63	85.11	14.30	6.85	6.35
08-772-3	08-772-53	CB354689, CB356689, 08-774-60, 08-774-86, 08-772-65, 08-774-170, 08-772-68	•	127.48	85.52	14.30	6.85	6.35
08-771-26	•	08-774-294, 08-774-297, 08-774-295, 08-774-298, 10-130-0, 10-129-3	•	127.49	85.45	14.25	6.73	5.68
•	•	08-774-307, 08-774-317, 08-774-308, 08-774-318, 10-130-2	•	127.72	85.17	14.66	6.35	6.17
•	•	08-774-296, 08-774-299, 08-774-255, 08-774-256, 10-130-1, 10-129-3	08-772-159, 08-772-169	127.60	85.60	14.53	6.35	6.17
BD353376	•	•	•	127.76	85.48	14.40	6.96	6.58
08-772-17, 08-772-3B	08-772-54, 08-772-5	•	•	127.76	85.59	14.30	6.85	6.35
08-772-225, BD353377	•	•	•	127.76	85.48	14.40	6.96	6.58
•	08-789	•	•	127.48	85.56	14.35	6.75	6.45
•	08-772-212	•	•	127.48	85.56	14.61	6.96	•

### 384-WELL PLATES – BASIC KEY DIMENSIONS

			А	В	С	D	D <sup>1</sup>
BD Falcon TC Cat. No.	BD BioCoat Cat. No.	BD PureCoat Cat. No.	Plate bottom length	Plate bottom width	Plate height	Well top diameter	Well bottom diameter
BD353378, 08-772-114, 08-772-129	08-774-315, 08-774-325, 08-774-311, 08-774-321, 08-774-314, 08-774-324, 10-130-4, 08-774-310, 08-774-320	•	127.76	85.48	14.40	3.70	3.30
08-772-115 08-772-116	08-774-316, 08-774-326, 10-130-6, 08-774-312, 08-774-322, 10-129-8, 08-774-313, 08-774-323, 10-130-3, 08-774-309, 08-774-319	08-772-160, 08-772-170	127.76	85.48	14.40	3.70	3.30

### **384-WELL SMALL VOLUME – BASIC KEY DIMENSIONS**

		А	В	С	D	D¹
BD Falcon TC Cat. No.	BD BioCoat Cat. No.	Plate bottom length	Plate bottom width	Plate height	Well top diameter	Well bottom diameter
BD353379, BD353380	•	127.76	85.48	7.50	3.30	1.84
•	08-775-32, 08-775-33, 08-775-30, 08-775-31	127.76	85.48	7.50	3.30	1.84

### **1536-WELL HI-BASE – BASIC KEY DIMENSIONS** Ideal for top-reading instruments.

			Α	В	С	D	D <sup>1</sup>
BD Falcon TC Cat. No.	BD BioCoat Cat. No.	BD PureCoat Cat. No.	Plate bottom length	Plate bottom width	Plate height	Well top diameter	Well bottom diameter
BD353383, BD353384	08-774-620, 08-774-621	08-772-165, 08-772-175	127.76	85.48	10.40	1.70	1.53
BD353381, BD353382,	•	•	127.76	85.48	10.40	1.70	1.53

### 1536-WELL LOW-BASE – BASIC KEY DIMENSIONS

•	dear for bottom-reading instrument	3.				
		А	В	С	D	D <sup>1</sup>
	BD Falcon TC Cat. No.	Plate bottom length	Plate bottom width	Plate height	Well top diameter	Well bottom diameter
	BD353385, BD353386	127.76	85.48	10.40	1.70	1.53

For lid dimensions please visit bdbiosciences.com/microplates. Dimensions in mm unless otherwise specified

	L A
96-WELL PLATE	G   1
	A

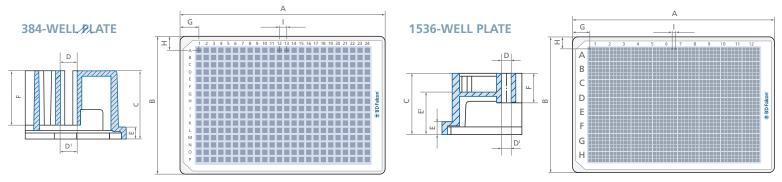
Е	F	G	Н	I						
Flange	Well depth	Left edge to A1 center	Top edge to A1 center	Well center to center	Bottom thickness	Well bottom shape	Total volume	Working volume	Growth area	Upper well shape
6.10	10.76	14.37	11.34	8.99	•	Flat	370 µl	40-275 μl	31.60 mm <sup>2</sup>	Round
6.10	10.76	14.40	11.42	8.98	•	Flat	370 µl	40-275 μl	31.60 mm <sup>2</sup>	Round
6.10	10.59	14.38	11.39	8.99	•	Flat	300 µl	50-200 μl	25.40 mm²	Round
6.00	11.50	14.42	11.19	•	880 µm	Flat	340 µl	100-250 µl	30.29 mm <sup>2</sup>	Round
14.53	11.50	14.40	11.23	9.01	880 µm	Flat	340 µl	100-250 μl	30.29 mm <sup>2</sup>	Round
2.50	10.90	14.38	11.24	9.00	•	Flat	392 µl	25-340 μl	34.00 mm <sup>2</sup>	Round
6.10	10.59	14.38	11.39	8.99	•	Round	320 µl	50-250 μl	•	Round
2.50	10.90	14.38	11.24	9.00	190 µm	Flat	392 µl	25-340 μl	34.00 mm <sup>2</sup>	Round
2.49	11.86	14.23	11.33	8.99	•	Round	340 µl	60-200 µl	•	Round
2.50	10.90	14.24	11.35	9.00	•	Conical	340 µl	100-250 µl	•	Round

Е	F	G	Н	I						
Flange	Well depth	Left edge to A1 center	Top edge to A1 center	Well center to center	Bottom thickness	Well bottom shape	Total volume	Working volume	Growth area	Upper well shape
2.50	11.50	12.13	8.99	4.50	•	Flat	131 µl	15-110 µl	10.0 mm²	Rounded-square
2.50	11.50	12.13	8.99	4.50	190 µm	Flat	131 µl	15-110 µl	10.0 mm <sup>2</sup>	Rounded-square

Е	F	G	Н	I						
Flange	Well depth	Left edge to A1 center	Top edge to A1 center	Well center to center	Bottom thickness	Well bottom shape	Total volume	Working volume	Growth area	Upper well shape
2.00	5.50	12.13	8.99	4.50	•	Flat	28 µl	4-25 µl	2.7 mm <sup>2</sup>	Rounded-square
2.00	5.50	12.13	8.99	4.50	75 μm	Flat	28 µl	4-25 µl	2.7 mm <sup>2</sup>	Rounded-square

Е	E	F	G	Н	1						
Flai	nge	Well depth	Left edge to A1 center	Top edge to A1 center	Well center to center	Bottom thickness	Well bottom shape	Total volume	Working volume	Growth area	Upper well shape
E 2.00	7.10	5.00	11.01	7.87	2.25	75 µm	Flat	12.6 µl	3-10 µl	2.3 mm <sup>2</sup>	Rounded-square
2.00	7.10	5.00	11.01	7.87	2.25	•	Flat	12.6 µl	3-10 µl	2.3 mm <sup>2</sup>	Rounded-square

Е	F	G	Н	1						
Flange	Well depth	Left edge to A1 center	Top edge to A1 center	Well center to center	Bottom thickness	Well bottom shape	Total volume	Working volume	Growth area	Upper well shape
E E <sup>1</sup> 2.00 4.70	5.00	11.01	7.87	2.25	75 µm	Flat	12.6 µl	3-10 µl	2.3 mm <sup>2</sup>	Rounded-square



### MICROPLATE ORDERING GUIDE

DESCRIPTION	SURFACE	PLATE COLOR	LID	WELL SHAPE	QTY PACK	QTY CASE	CAT. NO.
96-well							
BD BioCoat	Collagen I	Clear	Yes	Flat-bottom	5	5	08-774-5
					5	50	08-772-72
					20	80	10-129-9
BD BioCoat	Collagen IV	Clear	Yes	Flat-bottom	1	50	08-774-30
BD BioCoat	Poly-D-Lysine	Clear	Yes	Flat-bottom	5	5	08-774-127
					5	50	08-774-30
					20	80	10-129-1
BD BioCoat	Fibronectin	Clear	Yes	Flat-bottom	1	5	08-774-60
BD BioCoat	Gelatin	Clear	Yes	Flat-bottom	1	5	CB354689
					1	50	CB356689
BD BioCoat	Laminin	Clear	Yes	Flat-bottom	1	5	08-774-86
BD BioCoat	Laminin/Fibronectin	Clear	Yes	Flat-bottom	1	5	08-772-65
BD BioCoat	Laminin/Poly-D-Lysine	Clear	Yes	Flat-bottom	1	5	08-774-170
BD BioCoat	Laminin/Poly-L-Ornithine	Clear	Yes	Flat-bottom	1	5	08-772-68
BD BioCoat	Poly-L-Lysine	Clear	Yes	Flat-bottom	5	5	07-772-92
					5	50	08-772-93
BD BioCoat	BD Matrigel	Clear	Yes	Flat-bottom	5	5	08-774-166
BD BioCoat	Collagen I	White	Yes	Flat-bottom	5	5	08-774-294
					5	50	08-774-297
					20	80	10-130-0
BD BioCoat	Poly-D-Lysine	White	Yes	Flat-bottom	5	5	08-774-295
					5	50	08-774-298
					20	80	10-129-2
BD BioCoat	Collagen I	White/Clear	Yes	Flat-bottom	5	5	08-774-307
					5	50	08-774-317
					20	80	10-130-2
BD BioCoat	Poly-D-Lysine	White/Clear	Yes	Flat-bottom	5	5	08-774-308
					5	50	08-774-318
					20	80	08-774-322
BD BioCoat	Collagen I	Black/Clear	Yes	Flat-bottom	5	5	08-774-296
					5	50	08-774-299
					20	80	10-130-1
BD BioCoat	Poly-D-Lysine	Black/Clear	Yes	Flat-bottom	5	5	08-774-255
					5	50	08-774-256
					20	80	10-129-3
BD PureCoat™	Amine	Black/Clear	Yes	Flat-bottom	5	5	08-772-159
					5	50	08-772-169
BD Falcon™	Tissue Culture	Clear	Yes	Flat-bottom	1	50	08-772-2C
BD Falcon	Tissue Culture	Clear	Yes	Flat-bottom	5	50	08-772-3
BD Falcon	Tissue Culture	Clear	Yes	Flat-bottom	25	100	08-773-10
BD Falcon	Tissue Culture	Black	Yes	Flat-bottom	8	32	BD353376
BD Falcon	Tissue Culture	Clear	Yes	Round-bottom	1	50	08-772-17
BD Falcon	Tissue Culture	White	Yes	Flat-bottom	5	50	08-771-26
BD Falcon	Tissue Culture	White/Clear	Yes	Flat-bottom	8	32	BD353377
BD Falcon	Tissue Culture	Black/Clear	Yes	Flat-bottom	8	32	08-772-225
BD Falcon	Tissue Culture	Clear	Yes	Flat-bottom	14	84	08-772-36
BD Falcon	Tissue Culture	Clear	Yes	Round-bottom	5	50	08-772-3B
BD Falcon	BD Primaria™	Clear	Yes	Flat-bottom	1	50	08-772-4K
BD Falcon	Untreated	Clear	Yes	Flat-bottom	1	50	08-772-53

### MICROPLATE ORDERING GUIDE (CONTINUED)

DESCRIPTION	SURFACE	PLATE COLOR	LID	WELL SHAPE	QTY PACK	QTY CASE	CAT. NO.
96-well (continued	)						
BD Falcon™	Untreated	Clear	No	Round-bottom	25	100	08-789
BD Falcon	Untreated	Clear	No	Conical-bottom	25	100	08-772-212
96-well Storage							
BD Falcon™	Untreated	Clear	No	Round-bottom	25	100	08-789
BD Falcon	Untreated	Clear	No	Conical-bottom	25	100	08-772-212
384-well							
BD BioCoat™	Collagen I	Clear	Yes	Flat-bottom	5 5	5 50	08-774-315 08-774-325
BD BioCoat	Poly-D-Lysine	Clear	Yes	Flat-bottom	5 5	5 50	08-774-311 08-774-321
BD BioCoat	Collagen I	White	Yes	Flat-bottom	5 5 20	5 50 80	08-774-314 08-774-324 10-130-4
BD BioCoat	Poly-D-Lysine	White	Yes	Flat-bottom	5 5	5 50	08-774-310 08-774-320
BD BioCoat	Collagen I	White/Clear	Yes	Flat-bottom	5 5 20	5 50 80	08-774-313 08-774-323 10-130-3
BD BioCoat	Poly-D-Lysine	White/Clear	Yes	Flat-bottom	5 5	5 50	08-774-309 08-774-319
BD BioCoat	Collagen I	Black/Clear	Yes	Flat-bottom	5 5 20	5 50 80	08-774-316 08-774-326 10-130-6
BD BioCoat	Poly-D-Lysine	Black/Clear	Yes	Flat-bottom	5 5 20	5 50 80	08-774-312 08-774-322 10-129-8
BD PureCoat™	Amine	Black/Clear	Yes	Flat-bottom	5 5	5 50	08-772-160 08-772-170
BD Falcon	Tissue Culture	Clear	Yes	Flat-bottom	5	50	08-772-114
BD Falcon	Tissue Culture	Black	Yes	Flat-bottom	5	50	BD353378
BD Falcon	Tissue Culture	White	Yes	Flat-bottom	5	50	08-772-129
BD Falcon	Tissue Culture	White/Clear	Yes	Flat-bottom	5	50	08-772-116
BD Falcon	Tissue Culture	Black/Clear	Yes	Flat-bottom	5	50	08-772-115
384-well small volu							
BD BioCoat	Collagen I	Black/Clear	No	Flat-bottom	5 5	5 50	08-775-32 08-775-33
BD BioCoat	Poly-D-Lysine	Black/Clear	No	Flat-bottom	5	5 50	08-775-30 08-775-31
BD Falcon	Tissue Culture	Black	No	Flat-bottom	10	80	BD353379
BD Falcon	Tissue Culture	White	No	Flat-bottom	10	80	BD353380
1536-well BD BioCoat	Poly-D-Lysine	Black/Clear (Hi-Base)	No	Flat-bottom	5	5 50	08-774-620 08-774-621
BD PureCoat	Amine	Black/Clear (Hi-Base)	No	Flat-bottom	5 5	5 50	08-772-165 08-772-175
BD Falcon	Tissue Culture	Black (Hi-Base)	No	Flat-bottom	15	60	BD353382
BD Falcon	Tissue Culture	White (Hi-Base)	No	Flat-bottom	15	60	BD353381
BD Falcon	Tissue Culture	Black/Clear (Hi-Base)	No	Flat-bottom	15	60	BD353383
BD Falcon	Tissue Culture	White/Clear (Hi-Base)	No	Flat-bottom	15	60	BD353384
BD Falcon	Tissue Culture	Black/Clear (Lo-Base)	No	Flat-bottom	15	60	BD353385
BD Falcon	Tissue Culture	White/Clear (Lo-Base)	No	Flat-bottom	15	60	BD353386
Lids							
4 mm ultra low pro	file polystyrene lid (for 96	, 384-, 384- small volur	ne, and 153	6-well microplates), sterile	5	100	BD353836
6 mm polystyrene li	d (for 96-well and 384-we	II microplates), non-ste	rile		5	50	08-772-113
		•					

Note: Lo-Base plates are ideal for bottom-reading instruments. Hi-Base plates are ideal for top-reading instruments.



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