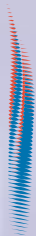


Corning® CellBIND® Surface

A novel surface for improved cell attachment



CORNING
Discovering Beyond Imagination

Life
Sciences



Increase Cell Growth and Yields with Corning® CellBIND® Surface



Corning CellBIND Surface is now available on flasks, CellSTACK® Culture Chambers, multiple well plates, 96 well plates, and roller bottles.

Corning Life Sciences is proud to introduce the new Corning CellBIND culture surface, the first novel cell culture surface treatment in over 20 years. The Corning CellBIND surface enhances cell attachment under difficult conditions, such as reduced-serum or serum-free medium, resulting in higher cell yields.

Developed by Corning scientists, this patented technology (U.S. Patent No. 6,617,152) uses a microwave plasma process for treating the culture surface. This process improves cell attachment by incorporating significantly more oxygen into the cell culture surface, rendering it more hydrophilic (wettable) and increasing surface stability.

Benefits

- ▶ Better cell attachment leads to increased cell growth and yields
- ▶ More consistent and even cell attachment
- ▶ More quickly adapts cells to reduced-serum or serum-free conditions
- ▶ Reduces premature cell detachment from confluent cultures especially in roller bottles
- ▶ May eliminate the need for tedious, time-consuming, expensive and low stability biological coatings



- ▶ Requires no refrigeration or special handling and is stable at room temperature

Same High Quality Standards as Other Corning Vessels

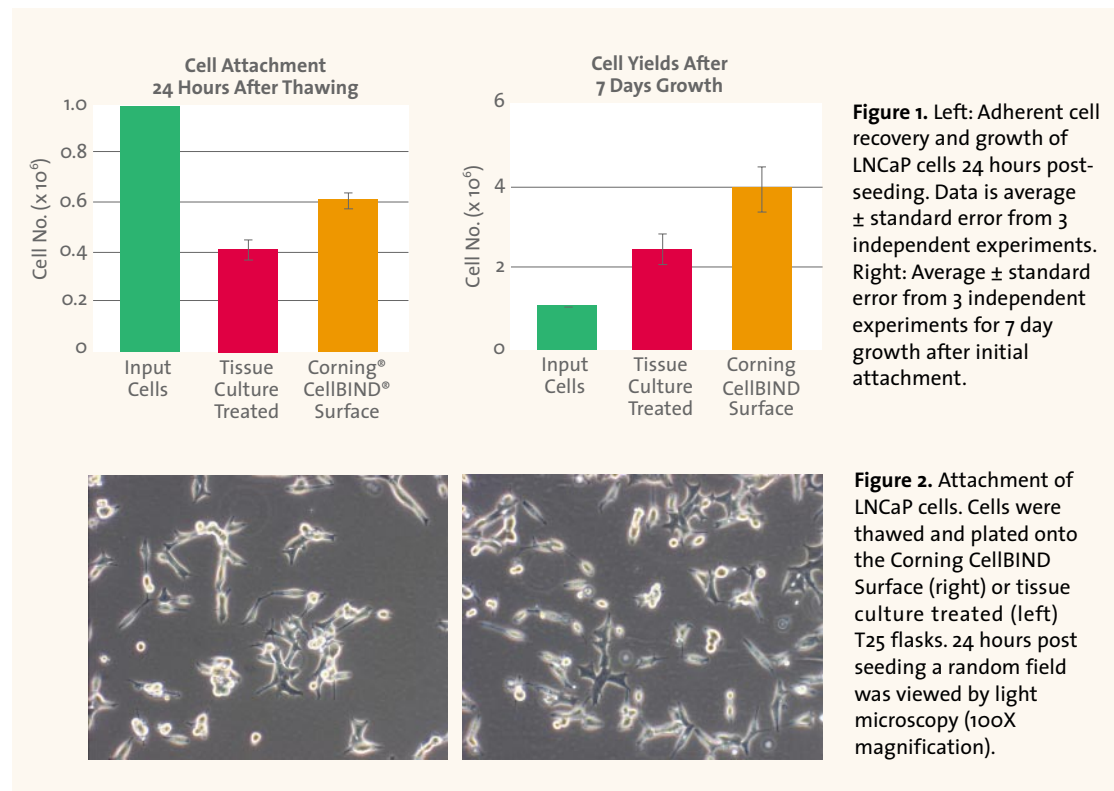
- ▶ Manufactured from optically clear polystyrene
- ▶ Rigorous QC testing for consistency and reproducibility
- ▶ Certified nonpyrogenic and sterile
- ▶ Printed lot numbers for quality assurance and tracking
- ▶ Printed with the Corning CellBIND Surface logo to differentiate from standard treatment cell culture products and to avoid mix-ups

Cell Dissociation Recommendations

Culture inoculating and harvesting should be performed in the same manner as methods currently being employed. Both enzymatic and nonenzymatic dissociating solutions have been successfully used to remove cells from Corning CellBIND surfaces. These include: Trypsin-EDTA, Accutase®, Versene®, Dispase®, and Citric Saline. Some dissociating agents, such as Dispase or Versene, should be removed by centrifugation prior to plating the cells.



Enhancement Attachment of LNCaP Cells to the Corning® CellBIND® Surface*



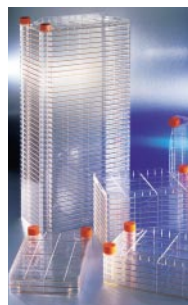
*From *Enhanced Attachment of LNCaP Cells to the Corning CellBIND Surface*, Corning SnAPPSHOT publication CLS-AN-048.

Corning CellBIND Surface Product Ordering Information



Cat. No.	Description	Qty/ Pk	Qty/ Cs
Roller Bottles			
3907	Roller Bottle, 850 cm ² , Corning CellBIND Surface, Easy Grip Cap, Sterile	2	36
431134	Expanded Surface Roller Bottle, 1700 cm ² , Corning CellBIND Surface, PS, Easy Grip Cap, Sterile	20	20
431329	Roller Bottle, 850 cm ² , Corning CellBIND Surface, Vent Cap, Sterile	2	36
Flasks			
3289	Flask, 25 cm ² , Corning CellBIND Surface with Vent Cap, Sterile	20	200
3290	Flask, 75 cm ² , Corning CellBIND Surface with Vent Cap, Sterile	5	100
3291	Flask, 150 cm ² , Corning CellBIND Surface with Vent Cap, Sterile	5	50
3292	Flask, 175 cm ² , Corning CellBIND Surface with Vent Cap, Sterile	5	50
3293	Flask, 225 cm ² , Corning CellBIND Surface with Vent Cap, Sterile	5	25
3298	Flask, 175 cm ² , Corning CellBIND Surface with Phenolic Cap, Sterile	5	50
431328	Flask, 175 cm ² , Corning CellBIND Surface, Bar coded with Vent Cap, Sterile	7	84
431346	Expanded Surface Flask, 235 cm ² , Corning CellBIND Surface, Bar coded with Vent Cap, Sterile	7	42
3068	RoboFlask™ Tissue Culture Vessel for Automation, 92.6 cm ² growth area, Corning CellBIND Surface, Barcoded, Septum Cap, Sterile	10	50
3067	RoboFlask Tissue Culture Vessel for Automation, 92.6 cm ² growth area, Corning CellBIND Surface, Bar coded, Septum Cap, Sterile	20	100

Corning® CellBIND® Surface Product Ordering Information (Continued)



Cat. No.	Description	Qty/ Pk	Qty/ Cs
CellSTACK® Culture Chambers			
3330	CellSTACK Chamber, 636 cm ² growth area, Corning CellBIND Surface, 1-STACK, Sterile	1	8
3310	CellSTACK Chamber, 1,272 cm ² growth area, Corning CellBIND Surface, 2-STACK, Sterile	1	5
3311	CellSTACK Chamber, 3,280 cm ² growth area, Corning CellBIND Surface, 5-STACK, Sterile	1	2
3312	CellSTACK Chamber, 6,360 cm ² growth area, Corning CellBIND Surface, 10-STACK, Sterile	1	2
3320	CellSTACK Chamber, 6,360 cm ² growth area, Corning CellBIND Surface, 10-STACK, Sterile	1	6
3321	CellSTACK Chamber, 25,440 cm ² growth area, Corning CellBIND Surface, 40-STACK, Sterile	1	2
Dishes			
3294	Dish, 35 x 10 mm, Corning CellBIND Surface, Sterile	10	210
3295	Dish, 60 x 15 mm, Corning CellBIND Surface, Sterile	7	126
3296	Dish, 100 x 20 mm, Corning CellBIND Surface, Sterile	5	40
Multiple Well Plates			
3335	6 Well Plate, Corning CellBIND Clear, Sterile, with Lid	5	50
3336	12 Well Plate, Corning CellBIND Clear, Sterile, with Lid	5	50
3337	24 Well Plate, Corning CellBIND Clear, Sterile, with Lid	5	50
Microplates			
3300	96 Well Plate, Corning CellBIND Surface, Clear, Sterile, with Lid	5	50
3340	96 Well Plate, Corning CellBIND Surface, Black/Clear, Sterile, with Lid	5	50
3683	384 Well Plate, Corning CellBIND Surface, Black/Clear, Sterile, with Lid	10	50

For additional product or technical information, please visit www.corning.com/lifesciences or call 1.800.492.1110. Customers outside the United States, please call +1.978.635.2200 or contact your local Corning sales office listed below.

Corning Incorporated Life Sciences

45 Nagog Park
Acton, MA 01720
t 800.492.1110
t 978.635.2200
f 978.635.2476

www.corning.com/lifesciences

Worldwide Support Offices

ASIA

Australia

t 61 2-9416-0492
f 61 2-9416-0493

China

t 86 21-3222-4666
f 86 21-6288-1575

Hong Kong

t 852-2807-2723
f 852-2807-2152

India

t 91 11 341 3440
f 91 11 341 1520

Japan

t 81 (0) 3-3586 1996/1997
f 81 (0) 3-3586 1291/1292

Korea

t 82 2-796-9500
f 82 2-796-9300

Singapore

t 65 6733-6511
f 65 6735-2913

Taiwan

t 886 2-2716-0338
f 886 2-2716-0339

EUROPE

France

t 0800 916 882
f 0800 918 636

Germany

t 0800 101 1153
f 0800 101 2427

The Netherlands & All Other

European Countries

t 31 (0) 20 659 60 51
f 31 (0) 20 659 76 73

United Kingdom

t 0800 376 8660
f 0800 279 1117

LATIN AMERICA

Brasil

t (55-11) 3089-7419
f (55-11) 3167-0700

Mexico

t (52-81) 8158-8400
f (52-81) 8313-8589

Corning, CellSTACK, and CellBIND are registered trademarks of Corning Incorporated, Corning, New York. Discovering Beyond Imagination, Flame of Discovery design, and RoboFlask are trademarks of Corning Incorporated, Corning, New York. Versene is a registered trademark of the Dow Chemical Company, Midland Michigan. Accutase is a registered trademark of Innovative Cell Technologies, San Diego, California. Dispase is a registered trademark of the Godo Shusei Co., Ltd., Tokyo, Japan. CellBIND surface is covered by U.S. Patent No. 6,617,152.

Corning Incorporated, One Riverfront Plaza, Corning, NY, 14831-0001