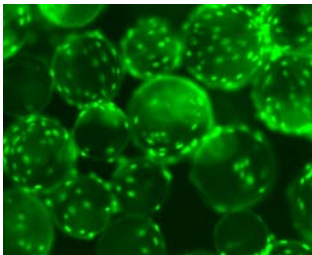


Corning® Microcarriers

CORNING



hMSC on Corning Synthemax II microcarriers



100 g and 500 g bottles with aseptic transfer caps

Corning Microcarriers simplify the scale-up process. The beads arrive sterile, ready-to-use, and are available with surface treatments to enhance cell attachment and maximize cell yield and viability. Closed systems packaging is also available for use with bioreactors.

Features

- ▶ USP Class VI polystyrene material provides a consistent platform
- ▶ Available untreated or with three different surface treatments
- ▶ Sterility Assurance Level (SAL) of 10^{-6}
- ▶ Nonpyrogenic
- ▶ Large sizes available with closed systems packaging

Microcarrier Surfaces

Surface	Properties	Bead Size (µm)	Approx. Density (cm ³ /g)	Surface Area (cm ² /g)	10 g Vial	100 g Bottle	500 g Bottle	Closed System
Enhanced Attachment Corning CellBIND®	Incorporates more oxygen into the cell culture surface, rendering it more hydrophilic and increasing cell attachment. No special handling or storage required. Nonbiological.	125 - 212	1.026	360	■	■	■	■
Low Concentration Corning Synthemax™ II	Synthetic surface for stem cell expansion. Recommended for MSCs.	125 - 212	1.026	360	■	■	■	■
Collagen-coated	Extracellular matrix protein enhances attachment and performance of some cell types.	125 - 212	1.026	360	■			
Untreated		125 - 212	1.026	360	■	■	■	■

Closed Systems Packaging

Corning microcarriers with Corning CellBIND, low concentration Synthemax II, and untreated surfaces are available in 100 g and 500 g bottles that can be fitted with Corning aseptic transfer caps to prevent adventitious contamination during bioreactor loading. The transfer caps are available with either a male Luer lock quick connector or an MPC quick connect. Microcarriers and aseptic transfer caps are sold separately.



Corning Microcarriers,
10 g vials

Ordering Information

Corning® Microcarriers

Cat. No.	Description	Size	Qty/Cs
3779	Corning CellBIND® surface microcarriers	10 g	1
4620	Corning CellBIND surface microcarriers	100 g	1
4621	Corning CellBIND surface microcarriers	500 g	1
3781	Corning low concentration Synthemax™ II microcarriers	10 g	1
4622	Corning low concentration Synthemax II microcarriers	100 g	1
4623	Corning low concentration Synthemax II microcarriers	500 g	1
3786	Corning Collagen-coated microcarriers	10 g	1
3772	Corning untreated microcarriers	10 g	1
4624	Corning untreated microcarriers	100 g	1
4625	Corning untreated microcarriers	500 g	1

Aseptic Transfer Caps for 100 g and 500 g Sizes

Cat. No.	Description	Tubing	Tubing Length with Connector	Tubing Connection	Qty/Cs
4626	Aseptic transfer cap for 100 g bottles	Chemically resistant, heat sealable flexible tubing, 1/8" ID, 1/4" OD	30" (76.2 cm)	MLL	1
4627	Aseptic transfer cap for 100 g bottles	Chemically resistant, heat sealable flexible tubing, 1/4" ID, 3/8" OD	30" (76.2 cm)	MPC	1
4628	Aseptic transfer cap for 500 g bottles	Chemically resistant, heat sealable flexible tubing, 1/8" ID, 1/4" OD	30" (76.2 cm)	MLL	1
4629	Aseptic transfer cap for 500 g bottles	Chemically resistant, heat sealable flexible tubing, 1/4" ID, 3/8" OD	30" (76.2 cm)	MPC	1

MLL: Male Luer lock; MPC: Medical plastic coupler

For more specific information on claims, visit www.corning.com/certificates.

Warranty/Disclaimer: Unless otherwise specified, these products are US class I medical devices for cell and tissue culture. Corning does not make or support any further claim for these products nor does it conduct any further testing to support any other intended use for the product indicated above. Should you decide that you want to use the product for any intended use other than that made by Corning then you accept that Corning does not make or support that claim and that you as the user are responsible for any testing, validation, and/or regulatory submissions that may be required to support the safety and efficacy of your intended application.

For additional product or technical information, visit www.corning.com/lifesciences or call 800.492.1110. Outside the United States, call +1.978.442.2200 or contact your local Corning sales office.

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