Beginning-to-end Solutions for

Stem Cell Research



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CORNING



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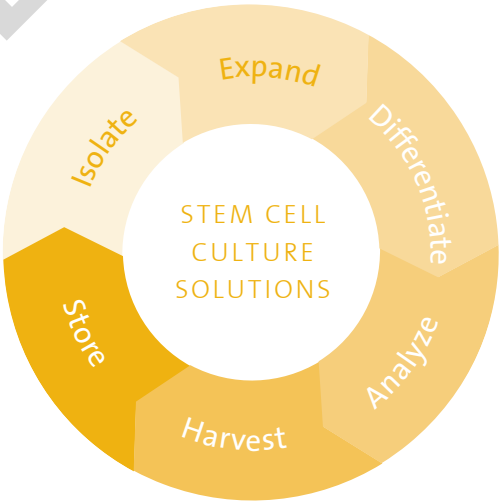
BEGINNING-TO-END SOLUTIONS FOR STEM AND PRIMARY CELL RESEARCH

The science of stem cell culture has advanced rapidly since its beginnings in the 1980s, as has the technology behind this research. From feeder-free substrates, to defined media, to scalable cell expansion systems, continual advances in stem cell culture have inspired Corning to develop innovative new tools to support this groundbreaking work.

Corning was a leader in disposable cell cultureware during the exciting early days of stem cell culture. Today, we continue to work with researchers, providing high quality cell culture consumables, as well as the latest technologies, including defined cell culture surfaces, xeno-free culture media, and scalable cell expansion vessels for stem cells, primary cells, and other cell types.

This brochure highlights some of the key Corning products that are used throughout the stem cell workflow. Detailed product information and a complete technical library can be found at **www.corning.com/lifesciences** and **www.cellgro.com**.

Note: Unless otherwise specified, all products are for research use only. Not for use in humans. Not intended for use in diagnostic or therapeutic procedures. Corning Life Sciences makes no claims regarding the performance of these products for clinical or diagnostic applications.



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Surfaces for Primary and Stem Cell Culture

Find the optimal surface for expanding your cells.

	Complex Attachment	Purified ECM Attachment	Human-derived ECM Attachment	Synthetic, Chemically Defined Attachment
Pluripotent Stem Cells	• Matrigel® Matrix hESC-qualified	• Mouse Lamin/Entacin Complex	• Human Vitronectin	• Corning® Synthemax® Surface
Mesenchymal Stem Cells			• Human Fibronectin	• Corning PureCoat™ ECM Mimetic Fibronectin Peptide • Corning PuraMatrix™ Hydrogel
Endothelial Progenitors		• Rat-tail Collagen	• Human Fibronectin • Human Collagen	• Corning PureCoat ECM Mimetic Fibronectin or Collagen-I Peptide
Neuronal Progenitors	• Matrigel Matrix	• Poly-L-Orinthine/ Mouse Laminin		• Corning Synthemax Surface • Corning PuraMatrix Hydrogel
Keratinocytes		• Rat-tail Collagen	• Human Collagen	• Corning PureCoat ECM Mimetic Collagen-I Peptide

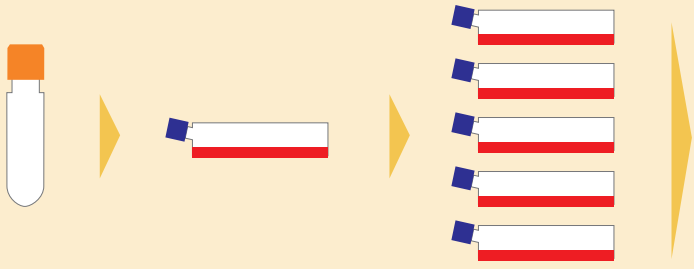
Media and Growth Factors for Stem Cell Culture

Corning media and supplements include classical formulations, as well as serum-free and specialty media.

Classical Media	Serum	Serum Free	Xeno-/Animal-free
• DMEM with high glucose • DMEM with low glucose • DMEM with glutagro™ Supplement • MEM • MEM Alpha • IMDM • RPMI	• Fetal Bovine Serum (FBS), Regular and Premium • Heat Inactivated FBS • Specialty FBS • Human AB Serum	• ITS • MITO • Delipidized albumin • Growth factors • Trace elements A, B, C	• stemgro® hMSC Medium and Supplement • Recombinant growth factors • Recombinant albumin • Recombinant lactoferrin

Vessels for Stem Cell Culture

Simplify scale-up with Corning culture vessels designed for each stage of the cell culture workflow.



For attachment-dependent cells:
- Large flasks
- Large dishes
- Roller bottles
- CellSTACK® Culture Chambers
- HYPER*Flask*® Vessels
- Falcon® Multi-Flasks
- E-Cube™ Systems

For suspension-adapted cells:
- Spinner flasks
- Shaker flasks

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ISOLATION AND DERIVATION

Corning Products for Isolation and Derivation

- Advanced surfaces
- Cell strainers and centrifuge tubes
- Pipet tips and pipettors
- Pipets and pipet controllers
- Corning® SMC4 Small Molecule Cocktail
- Syringe and filter systems
- Tissue homogenizers
- Trypsin and reagents



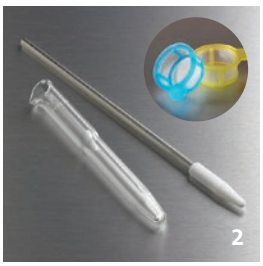
Products for primary or stem cell isolation and derivation include tools for tissue extraction, ECMs for isolation of primary or progenitor cells, reagents for enhancing iPSC reprogramming, and novel vessels for continuous feeding during prolonged derivation and differentiation protocols.

1. Corning SMC4 Small Molecule Cocktail: an optimized supplement of specific signaling pathway inhibitors. When used in conjunction with Corning Matrigel® Matrix, Corning SMC4 has been shown to enhance hiPSC reprogramming efficiency, enable single cell passaging, and to improve recovery from hiPSC cryopreservation.

2. PYREX® Tissue Homogenizers and Cell Strainers: provide rapid isolation of primary cells from tissue allowing for a consistently uniform single-cell suspension. Corning also offers cell dissociation reagents including trypsin, Dispase, and non-enzymatic Cell Recovery Solution.

3. Advanced Surfaces: include Corning Matrigel Matrix and a wide variety of biological and xeno-free extracellular matrices for stem, progenitor or primary cell isolation. In addition to biological attachment products, Corning has an extensive line of synthetic tissue culture treated surfaces and ECM Mimetic peptide-coated cultureware for applications requiring defined conditions.







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EXPANSION

Corning Products for Expansion

- Corning® FloWell™ 2W Perfusion Plate
- Corning Matrigel® Matrix and Defined Extracellular Matrices
- Corning Synthemax® Surface and Corning PureCoat™ ECM Mimetic Surfaces
- Microcarriers
- Dishes, flasks, and plates
- Media, serum, and serum-free supplements
- Multi-layer vessels, including the Falcon® Multi-Flask, Corning HYPER*Flask*,® CellSTACK® and HYPER*Stack*® product lines.
- Corning stemgro® hMSC Medium and Supplement



Novel and scalable environments for stem and primary cell types for cell expansion in basic and clinical research applications.

1. Corning Matrigel Matrix: The original, most widely referenced extracellular matrix for hESC, hiPSC and adult stem cell expansion in serum or serum-free culture environments. Cited in thousands of experiments for robust, biologically functional 2D and 3D stem cell culture. Formulations include growth factor-reduced and high protein concentration, as well as hESC-qualified, which has been pre-qualified with mTeSR™ defined, feeder-free cell culture medium from Stem Cell Technologies.

2. Corning Synthemax Surface and ECM Mimetic Cultureware: Synthetic, animal-free peptide substrates and surfaces for serum, xeno- or animal-free expansion of stem cells where defined conditions are required. Corning Synthemax Surface is a Vitronectin-based peptide optimized for pluripotent stem cells and neural stem cells. Corning PureCoat™ ECM Mimetic Cultureware is available with either a Fibronectin or Collagen I mimetic peptide coating for expanding hMSCs, Keratinocytes, and progenitor cells. Substrates and surfaces are manufactured according to cGMPs, are room temperature stable, and are scalable.







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3. Corning® FloWell™ 2W Plate: Multiple well plate designed with continuous fluid flow technology for controlled feeding of cells for up to 72 hours. Ideal cell feeding system for protocols that require frequent medium changes, such as during pluripotent stem cell induction and subsequent PSC expansion. Compatible with both Corning Matrigel® Matrix and Corning Synthemax® Surface self-coating protocols.

4. Multi-layered Flasks: Choose from a variety of sizes and surfaces, including 3- and 5-layer Falcon® Multi-Flasks with tissue culture treated surfaces or Corning PureCoat™ ECM Mimetic Fibronectin or Collagen-I synthetic peptide surfaces. For larger cell expansion needs, the Corning HYPER*Flask*® vessel has 10 interconnected, polystyrene, gas permeable growth surfaces and 1720 cm^2 available growth area.

5. Corning HYPER*Stack*® Vessel: Closed system with 6,000 cm^2 of cell growth area; chemically resistant heat-sealable flexible tubing for liquid handling manipulations, proprietary gas-permeable film technology, and low particulate assembly. Excellent option for cell therapy applications.

6. Corning Microcarriers are sterile (SAL 10^{-6}), ready to use, and available in closed systems packaging that can be used directly with bioreactors. USP Class VI polystyrene beads are available with either Corning CellBIND® Surface or Corning Synthemax Surface for PSC and stem cell expansion.

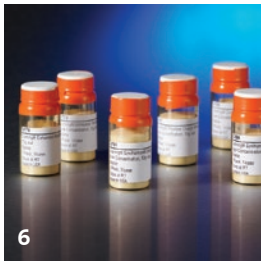
7. Media, Sera, and Serum-free Factors: The Corning cellgro® line includes a broad range of standard and custom media and molecular biology reagents for tissue and cell culture that support superior growth and viability of suspension and adherent cell cultures.

8. Corning stemgro® hMSC Medium and Supplement: Xeno-free, chemically-defined medium provides maximum expansion of human mesenchymal stem cells (hMSCs) derived from bone marrow, cord blood, or adipose tissue. Use with cell culture vessels featuring Corning CellBIND Surface to create a completely animal-free hMSC expansion environment that eliminates the need for coating with biological materials.

9. Extracellular Matrices and Attachment Factors: Corning offers a wide variety of biological, xeno-free and synthetic attachment options for stem cell, progenitor or primary cell expansion. Corning ECMs include mouse Laminin, Laminin/Entactin complex, rat tail Collagen I, human Collagen I, III, IV, V, VI, human Fibronectin and human Vitronectin.


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DIFFERENTIATION



Corning Products for Differentiation

- Corning® Matrigel® Matrix and defined extracellular matrices
- Dishes, flasks, and plates
- Growth factors, serum-free media supplements
- Media, serum, and reagents
- Multilayer vessels including the Falcon® Multi-Flask, Corning HYPER*Flask*® and HYPER*Stack*® product lines
- Ultra-Low Attachment plates, dishes and flasks



Optimize the cell culture environment to direct cell differentiation and specialization with Corning's tools and technologies.

1. Corning Extracellular Matrices: Choose from a wide variety of animal- or human-derived biological ECMs as well as synthetic ECM options for 2D and 3D stem cell differentiation. Use our differentiation guide to determine the optimal ECM for the differentiation of hPSCs or progenitor cell types to specific differentiated states.

2. Growth Factors and Cytokines: Corning offers a comprehensive line of high quality cytokines and media additives that allow propagation and differentiation of cells under defined, serum-reduced or serum-free conditions.

3. Corning Ultra-Low Attachment Surface: stable, noncytotoxic and biologically inert hydrogel-coated surface that prevents cell attachment while enabling embryoid body formation and cell differentiation. Available in a variety of vessel formats, including round bottom 96 well cell culture plates, standard multiwell plates, dishes, and scalable cell culture flasks.

4. Corning Osteo Assay Surface: unique 3-dimensional bone biomimetic synthetic surface for osteoblast and osteoclast differentiation and functional studies. Available in 24 and 96 well plates and in a Corning Stripwell™ microplate.







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Corning Products for Analysis

- Biologically coated microplates in HTS formats
- Corning® Matrigel® Matrix, high concentration (*in vivo* delivery)
- Corning PuraMatrix™ Peptide Hydrogel (*in vivo* delivery)
- Corning Osteo Assay Surfaces
- Dishes, flasks, and plates
- Media, sera, reagents
- Corning Transwell® Permeable Supports
- Pipet tips and pipettors
- Pipets and pipet controllers
- Slides and coverslips
- Ultra-Low Attachment plates, dishes, flasks (embryoid bodies)



Tools for *in vitro* and *in vivo* analysis of stem, progenitor, and differentiated cell types.

In vivo

1. Corning Matrigel Matrix, high concentration (HC): Biocompatible delivery scaffold for the study of stem or differentiated cell functionality *in vivo*. Higher protein concentration provides increased gelation and matrix stiffness. Ideal for augmenting cell transplantation *in vivo*. Available in standard phenol-red free and growth-factor-reduced formulations.

2. Corning PuraMatrix Peptide Hydrogel: Fully synthetic, animal-free, peptide-based hydrogel for *in vivo* tissue regeneration research. Stable, biocompatible scaffold with demonstrated utility in myocardial, osteogenic or chondrocyte engraftment of cells for tissue regeneration.

In vitro

3. Corning BioCoat™ Cultureware: Biologically coated cultureware in a variety of surface treatments. Provides enhanced cell attachment and growth for primary, stem and progenitor cell types. Options include Human Collagen I and IV, Human Fibronectin, Laminin, Poly-L-Lysine, Poly-D-Lysine, Poly-L-Orinthine/Laminin and custom coatings. Available on a range of scalable vessel types, including dishes, microplates, flasks and permeable supports.







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HARVEST

Corning Products for Harvest

- Benchtop equipment
- Cell dissociation reagents
- Buffered salt solutions
- Cell scrapers
- Centrifuge tubes and cell strainers
- Media and sera
- Pipet tips and pipettors
- Pipets and pipet controllers
- Slides and coverslips
- Syringe and filter systems



Pipets, centrifuge tubes, cell scrapers, and reagents to make cell harvesting easier.

1. Corning® Cell Recovery Solution: A non-enzymatic cell recovery solution recommended for recovering cells from Corning Matrigel® Matrix without damaging membrane-bound receptors, or cell:cell interactions.

2. Corning Dispase: An animal-free, bacillus-derived, neutral metalloprotease that is recommended for recovering cells from Corning Matrigel Matrix. Dispase cleaves fibronectin and collagen bonds in Corning Matrigel Matrix to release cells without damaging membrane-bound receptors or cell:cell interactions.

3. Trypsin EDTA 1X: Enzymatically release adherent cells from tissue culture plates for passaging. Divalent cations, such as calcium and magnesium, which are often present in the cell culture environment, inhibit this action. EDTA sequesters these ions, which enhances the efficacy of Trypsin.



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Corning® Products for Storage

- Centrifuge tubes
- Cryogenic bags, vials and accessories
- DMSO (Dimethyl Sulfoxide)
- Media, sera, reagents
- Pipet tips and pipettors
- Pipets and pipet controllers
- Corning SMC4 Small Molecule Cocktail



Storage Solutions for Stem Cell Culture

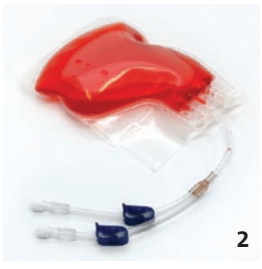
Minimize the stresses on cultures during storage and maximize their subsequent recovery and survival with Corning storage solutions.

1. Cryogenic vials and accessories: Corning offers a variety of externally and internally threaded vials, as well as externally threaded vials with a plug seal cap. All vials are sterilized by gamma irradiation and are nonpyrogenic.

2. Cryopreservation bags: single-use containers designed for storage, preservation and transfer of cells. Unique bag film remains flexible at ultra-low temperatures (-196°C) while remaining flexible and translucent when filled with liquid. Proprietary membrane port design offers thinner walls for increased flexibility, and attached cap minimizes membrane exposure during freezing.

3. Corning SMC4 Small Molecule Cocktail: an optimized supplement used in conjunction with Corning Matrigel® Matrix to enhance hiPSC reprogramming efficiency and improve cell yield and viability during recovery from cryopreservation.







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PRODUCT ORDERING INFORMATION

Analyze

Cat. No.	Brand	Description	Qty/Pk	Qty/Cs
354250	Corning®	PuraMatrix™ Peptide Hydrogel, 5 mL	1	1
354248	Corning	Matrigel® Basement Membrane Matrix, High Concentration (HC), LDEV-Free, 10 mL	1	1

Differentiate

354005	Corning	2.5S Nerve Growth Factor (NGF), Mouse Natural, 10 µg	1	1
356005	Corning	2.5S Nerve Growth Factor (NGF), Mouse Natural, 1 mg, 2 x 500 µg	1	1
356004	Corning	2.5S Nerve Growth Factor (NGF), Mouse Natural, 100 µg	1	1
354009	Corning	7S Nerve Growth Factor (NGF), Mouse Natural, 100 µg	1	1
356037	Corning	Basic Fibroblast Growth Factor (bFGF), Bovine Natural, 10 µg	1	1
354060	Corning	Basic Fibroblast Growth Factor (bFGF), Human Recombinant, 10 µg	1	1
356060	Corning	Basic Fibroblast Growth Factor (bFGF), Human Recombinant, 50 µg, 5 x 10 µg	1	1
356061	Corning	Basic Fibroblast Growth Factor (bFGF), Human Recombinant, 100 µg, 10 x 10 µg	1	1
354123	Corning	Bovine Pituitary Extract (BPE), 15 mg	1	1
356123	Corning	Bovine Pituitary Extract (BPE), 75 mg	1	1
354052	Corning	Epidermal Growth Factor (EGF), Human Recombinant, 100 µg	1	1
356052	Corning	Epidermal Growth Factor (EGF), Human Recombinant, 1 mg, 10 x 100 µg	1	1
354001	Corning	Epidermal Growth Factor (EGF), Mouse Natural (Culture Grade), 100 µg	1	1
356001	Corning	Epidermal Growth Factor (EGF), Mouse Natural (Culture Grade), 1 mg, 10 x 100 µg	1	1
354010	Corning	Epidermal Growth Factor (EGF), Mouse Natural (Receptor Grade), 100 µg	1	1
356010	Corning	Epidermal Growth Factor (EGF), Mouse Natural (Receptor Grade), 500 µg, 5 x 100 µg	1	1
354037	Corning	Insulin-like Growth Factor (IGF-I), Human Recombinant (Culture Grade), 10 µg	1	1
354051	Corning	Platelet-Derived Growth Factor-BB (PDGF-BB), Human Recombinant, 10 µg	1	1
356051	Corning	Platelet-Derived Growth Factor-BB (PDGF-BB), Human Recombinant, 100 µg, 10 x 10 µg	1	1
354039	Corning	Transforming Growth Factor-β (TGF-β), Human Natural, 1 µg	1	1
354105	Corning	Stem Cell Factor (SCF), Human Recombinant, 10 µg	1	1
356039	Corning	Transforming Growth Factor-β (TGF-β), Human Natural, 5 µg, 1 x 5 µg	1	1
356040	Corning	Transforming Growth Factor-β (TGF-β), Human Natural, 10 µg, 5 x 2 µg	1	1
354066	Corning	Tumor Necrosis Factor-α (TNF-α) Human Recombinant, 10 µg	1	1
356066	Corning	Tumor Necrosis Factor-α (TNF-α), Human Recombinant, 50 µg, 5 x 10 µg	1	1
354107	Corning	Vascular Endothelial Growth Factor (VEGF), Human Recombinant, 10 µg	1	1
354006	Corning	Endothelial Cell Growth Supplement (ECGS), 15 mg	1	1
356006	Corning	Endothelial Cell Growth Supplement (ECGS), 100 mg	1	1
354203	Corning	Hydrocortisone, 50 mg	1	1
354351	Corning	ITS Premix, 5 mL, 5L Equivalent	1	1
354350	Corning	ITS Premix, 20 mL, 20L Equivalent	1	1
354352	Corning	ITS+ Premix, 20 mL	1	1
354227	Corning	Linoleic Acid/Albumin Complex, 2.5/500 mg	1	1
355006	Corning	MITO+ Serum Extender, 5 mL	1	1
355104	Corning	Nu-Serum™ IV Growth Medium Supplement, 100 mL	1	1
355504	Corning	Nu-Serum IV Growth Medium Supplement, 500 mL	1	1
355500	Corning	Nu-Serum Growth Medium Supplement, 500 mL	1	1
355100	Corning	Nu-Serum Growth Medium Supplement, 100 mL	1	1
354201	Corning	Selenous Acid (Sodium Salt), 100 mg	1	1
354115	Corning	T-Cell Culture Supplement with conA (IL-2 Culture Supplement), Rat, 100 mL	1	1
354116	Corning	T-Cell Culture Supplement without conA (IL-2 Culture Supplement), Rat, 100 mL	1	1
354304	Corning	Transferrin, Human (Holo), 1 g	1	1
354204	Corning	Transferrin, Human (Holo), 10 mg	1	1

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Cat. No.	Brand	Description	Qty/Pk	Qty/Cs
3261	Corning®	60 mm Ultra-Low Attachment Culture Dish	5	20
3262	Corning	100 mm Ultra-Low Attachment Culture Dish	5	20
3815	Corning	25 cm^2 Ultra-Low Attachment Rectangular Canted Neck Cell Culture Flask with Vent Cap	6	24
3814	Corning	75 cm^2 Ultra-Low Attachment Rectangular Canted Neck Cell Culture Flask with Vent Cap	4	24
3474	Costar	96 Well Clear Flat Bottom Ultra-Low Attachment Microplate, with Lid, Sterile	1	24
7007	Costar	96 Well Clear Round Bottom Ultra-Low Attachment Microplate, with Lid, Sterile	1	24
3471	Costar	6 Well Clear Flat Bottom Ultra-Low Attachment Multiple Well Plates, Sterile	1	24
3473	Costar	24 Well Clear Flat Bottom Ultra-Low Attachment Multiple Well Plates, Sterile	1	24

Expand

356270	Corning	PureCoat™ ECM Mimetic Collagen I Peptide 6 Well Plate	5	10
356240	Corning	PureCoat ECM Mimetic Fibronectin Peptide 6 Well Plate	1	10
356271	Corning	PureCoat ECM Mimetic Collagen I Peptide 24 Well Plate	5	10
356241	Corning	PureCoat ECM Mimetic Fibronectin Peptide 24 Well Plate	5	50
356272	Corning	PureCoat ECM Mimetic Collagen I Peptide 75 cm^2 Flask	5	10
356242	Corning	PureCoat ECM Mimetic Fibronectin Peptide 75 cm^2 Flask	5	10
356273	Corning	PureCoat ECM Mimetic Collagen I Peptide 175 cm^2 Flask	5	10
356243	Corning	PureCoat ECM Mimetic Fibronectin Peptide 175 cm^2 Flask	5	10
3972XX1	Corning	Synthemax®-T Surface 75 cm^2 Rectangular Canted Neck Cell Culture Flask with Vent, Sterile	1	2
3984	Corning	Synthemax-R Surface 75 cm^2 Rectangular Canted Neck Cell Culture Flask with Vent, Sterile	1	12
3983XX1	Corning	Synthemax-R Surface 75 cm^2 Rectangular Canted Neck Cell Culture Flask with Vent, Sterile	1	2
3976XX1	Corning	Synthemax-T Surface 225 cm^2 Rectangular Canted Neck Cell Culture Flask with Vent, Sterile	1	2
3977XX1	Corning	Synthemax-T Surface 225 cm^2 Rectangular Canted Neck Cell Culture Flask with Vent, Sterile	1	12
354277	Corning	Matrigel® Matrix hESC-qualified, LDEV-Free, 5 mL	1	1
10030	Corning	CellBIND® Surface HYPER*Flask*® M Cell Culture Vessel, Treated, Sterile, Bar Coded	1	4
10034	Corning	CellBIND Surface HYPER*Flask* M Cell Culture Vessel, Treated, Sterile, Bar Coded	4	24
10020	Corning	CellBIND Surface HYPER*Flask* M Cell Culture Vessel, Treated, Sterile, Bar Coded	4	4
10012	Corning	CellBIND Surface HYPER*Stack*® 12-Layer Cell Culture Vessel	1	4
10013	Corning	Not Treated Surface HYPER*Stack* 12-Layer Cell Culture Vessel	1	4
10036	Corning	CellBIND Surface HYPER*Stack* 36-Layer Cell Culture Vessel	1	2
10037	Corning	Not Treated Surface HYPER*Stack* 36-Layer Cell Culture Vessel	1	2
10040	Corning	HYPER*Stack* Cell Culture Vessel Stainless Steel Filling Wedge	1	1
10041	Corning	HYPER*Stack* Cell Culture Vessel Bottle Stand	1	1
10042	Corning	Disposable Tubing Set for Use with Glass Bottle, 3/8 ID x 1/2 OD, ADCF, 18" in Length, Sterile	1	2
10043	Corning	Disposable Tubing Set for use with 850 cm^2 Polystyrene Roller Bottle, 3/8 ID x 1/2 OD, ADCF, 0.2 µm Filter, MPC Quick Connect	1	2
10044	Corning	HYPER*Stack* ABS Stacking Tray	1	5
10045	Corning	HYPER*Viewer*™ Device	1	1
11000	Corning	HYPER*Stack* Stainless Steel Manipulator	1	1
3487XX1	Corning	FloWell™ 2W TC-Treated Multiple Well Plates, irradiated	1	24
10-013-CV	Corning	cellgro® 500 mL DMEM (Dulbecco's Modification of Eagle's Medium) 4.5 g/L glucose, L-glutamine, and sodium pyruvate	6	6
10-016-CV	Corning	cellgro 500 mL Iscove's Modification of DMEM w/ L-glutamine	6	6
10-090-CV	Corning	cellgro 500 mL DMEM (Dulbecco's Modification of Eagle's Medium)/Ham's F-12 50/50 Mix with L-glutamine	6	6
10-092-CV	Corning	cellgro 500 mL DMEM (Dulbecco's Modification of Eagle's Medium)/Ham's F-12 50/50 Mix with L-glutamine and 15 mM HEPES	6	6
25-005-CI	Corning	cellgro 100 mL L-Glutamine, 200 mM solution	6	6
25-015-CI	Corning	cellgro 100 mL glutagro,™ Liquid 200 mM Solution (with 8.5 g/L NaCl)	1	1

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PRODUCT ORDERING INFORMATION (CONTINUED)

Cat. No.	Brand	Description	Qty/Pk	Qty/Cs
25-025-CI	Corning®	cellgro® 100 mL MEM Nonessential Amino Acids	6	6
25-037-CI	Corning	cellgro 100 mL 45% glucose solution	1	1
25-800-CR	Corning	cellgro 10 mL ITS (Insulin-Transferrin-Selenium)	1	1
30-002-CI	Corning	cellgro 100 mL Penicillin-Streptomycin Solution, 100x, 10,000 I.U. Penicillin 10,000 µg/mL Streptomycin	6	6
35-010-CV	Corning	cellgro 500 mL Fetal Bovine Serum, Regular	1	1
35-011-CV	Corning	cellgro 500 mL Fetal Bovine Serum, Regular (Heat Inactivated)	1	1
35-015-CV	Corning	cellgro 500 mL Fetal Bovine Serum, Premium	1	1
35-016-CV	Corning	cellgro 500 mL Fetal Bovine Serum, Premium (Heat Inactivated)	1	1
35-074-CV	Corning	cellgro 500 mL Fetal Bovine Serum, Premium (Embryonic stem cell tested)	1	1
40-410-KIT	Corning	stemgro® 450 mL/50 mL hMSC Medium and Supplement	1	1
61-030-RM	Corning	cellgro 100 g L-Glutamine, Powder	1	1
62-450-RF	Corning	cellgro 1 g rhAlbumin	1	1
62-451-RF	Corning	cellgro 1 g rhLactoferrin	1	1

Harvest

20-030-CV	Corning	cellgro 500 mL DPBS (Dulbecco's Phosphate-Buffered Saline), 10x with calcium and magnesium	6	6
20-031-CV	Corning	cellgro 500 mL DPBS (Dulbecco's Phosphate-Buffered Saline), 10x without calcium and magnesium	6	6
21-030-CV	Corning	cellgro 500 mL DPBS (Dulbecco's Phosphate-Buffered Saline), 1x with calcium and magnesium	6	6
21-031-CM	Corning	cellgro 1 L DPBS (Dulbecco's Phosphate-Buffered Saline), 1x without calcium and magnesium	6	6
21-031-CV	Corning	cellgro 500 mL DPBS (Dulbecco's Phosphate-Buffered Saline), 1x without calcium and magnesium	6	6
21-031-LB	Corning	cellgro 20 L DPBS (Dulbecco's Phosphate-Buffered Saline), 1x without calcium and magnesium	1	1
21-031-LX	Corning	cellgro 10 L DPBS (Dulbecco's Phosphate-Buffered Saline), 1x without calcium and magnesium	1	1
21-040-CM	Corning	cellgro 1 L PBS (Phosphate-Buffered Saline), 1x without calcium and magnesium	6	6
21-040-CMX12	Corning	cellgro 1 L PBS (Phosphate-Buffered Saline), 1x without calcium and magnesium	12	12
21-040-CV	Corning	cellgro 500 mL PBS (Phosphate-Buffered Saline), 1x without calcium and magnesium	6	6
25-050-CI	Corning	cellgro 100 mL Trypsin 1x 0.25% Trypsin in HBSS without calcium and magnesium, Porcine Parvovirus tested	6	6
25-051-CI	Corning	cellgro 100 mL Trypsin EDTA 1x 0.05% Trypsin/0.53 mM EDTA in HBSS with sodium bicarbonate, without calcium and magnesium, Porcine Parvovirus tested	6	6
25-052-CI	Corning	cellgro 100 mL Trypsin EDTA 1x 0.05% Trypsin/0.53 mM EDTA in HBSS without sodium bicarbonate, calcium and magnesium, Porcine Parvovirus tested	6	6
25-052-CV	Corning	cellgro 500 mL Trypsin EDTA 1x 0.05% Trypsin/0.53 mM EDTA in HBSS without sodium bicarbonate, calcium and magnesium, Porcine Parvovirus tested	6	6
25-054-CI	Corning	cellgro 100 mL Trypsin 10x 2.5% Trypsin in HBSS without calcium, magnesium, and phenol red, Porcine Parvovirus tested	6	6
25-056-CI	Corning	cellgro 100 mL Cellstripper,™ Liquid	6	6
91-200-75	Corning	5L Trypsin Bag for HYPER*Stack*® Vessels	1	1

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Cat. No.	Brand	Description	Qty/Pk	Qty/Cs
Isolate				
354357	Corning®	SMC4, 290 µL	1	1
354277	Corning	Matrigel® Matrix hESC-qualified, LDEV-Free, 5 mL	1	1
Store				
430658	Corning	1.2 mL External Threaded Polypropylene Cryogenic Vial, self-standing with conical bottom	50	500
430487	Corning	1.2 mL Internal Threaded Polypropylene Cryogenic Vial, self-standing with conical bottom	50	500
430289	Corning	2 mL External Threaded Polypropylene Cryogenic Vial with round bottom and plug seal cap	50	500
430661	Corning	2 mL External Threaded Polypropylene Cryogenic Vial with round bottom	50	500
430659	Corning	2 mL External Threaded Polypropylene Cryogenic Vial, Self-Standing with round bottom	50	500
430489	Corning	2 mL Internal Threaded Polypropylene Cryogenic Vial with round bottom	50	500
430488	Corning	2 mL Internal Threaded Polypropylene Cryogenic Vial, Self-Standing with round bottom	50	500
431386	Corning	2 mL Internal Threaded Polypropylene Cryogenic Vial, Self-Standing with round bottom	50	250
430662	Corning	4 mL External Threaded Polypropylene Cryogenic Vial, Self-Standing with round bottom	50	500
430490	Corning	4 mL Internal Threaded Polypropylene Cryogenic Vial with round bottom	50	500
430491	Corning	4 mL Internal Threaded Polypropylene Cryogenic Vial, Self-Standing with round bottom	50	500
430663	Corning	5 mL External Threaded Polypropylene Cryogenic Vial, Self-Standing with round bottom	50	500
430492	Corning	5 mL Internal Threaded Polypropylene Cryogenic Vial with round bottom	50	500
430656	Corning	5 mL Internal Threaded Polypropylene Cryogenic Vial, Self-Standing with round bottom	50	10
431121	Corning	1-2 mL Polycarbonate Cryogenic Vial Storage Box, holds 100 vials	5	10
431119	Corning	1-2 mL Polycarbonate Cryogenic Vial Storage Box, holds 81 vials	5	10
431120	Corning	4-5 mL Polycarbonate Cryogenic Vial Storage Box, holds 81 vials	5	5
430525	Corning	Polycarbonate Cryogenic Vial Rack and Tray, holds 30 vials	1	1
430526	Corning	Polycarbonate Cryogenic Vial Rack, holds 30 vials	1	1
431131	Corning	Polypropylene Cryogenic Vial Rack, holds 50 vials	2	2
25-950-CQC	Corning	cellgro® DMSO (Dimethyl Sulfoxide), 250 mL	1	1
91-200-88	Corning	cellgro 20 mL Cryopreservation Storage Bag	1	1
91-200-89	Corning	cellgro 70 mL Cryopreservation Storage Bag	1	1
91-200-90	Corning	cellgro 100 mL Cryopreservation Storage Bag	1	1
91-200-91	Corning	cellgro 190 mL Cryopreservation Storage Bag	1	1

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