

Cancer Research: Cell Motility and Angiogenesis Workflow

Applications: Cell Invasion, Cell Migration, Chemotaxis, Angiogenesis Tube Formation

CELL CULTURE/SEED

- Cryogenic vials
- Flasks
- Centrifuge tubes
- Media
- Serum
- Buffered salt solutions
- Cell dissociation reagents
- Pipet tips
- Pipettors
- Serological pipets
- Pipet controllers
- Cell counter

EXPAND/ASSAY

- Corning BioCoat Matrigel Invasion Chambers
- Transwell permeable supports
- Corning Matrigel matrix
- Multiwell plates
- HUVEC-2 Cells
- Fluorescent dyes
- Centrifuge tubes
- Media
- Serum
- Buffered salt solutions
- Cell dissociation reagents
- Pipet tips
- Pipettors
- Serological pipets
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HARVEST

- Buffered salt solutions
- Cell dissociation reagents
- Cell scrapers
- Cell lifter
- Centrifuge tubes
- Media
- Pipet tips
- Pipettors
- Serological pipets
- Pipet controllers

ANALYZE

- Fluorescent dyes
- Pipet tips
- Pipettors
- Serological pipets
- Pipet controllers
- Centrifuge tubes
- Cell counter

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Products may not be available in all markets.

Cryogenic Vials

Cat. No.	Description	Qty/Pk	Qty/Cs	Cell Culture/Seed	Expand/Assay	Harvest	Analyze
430659	2 mL External threaded cryogenic vial, self-standing with round bottom	50	500	■			
430488	2 mL Internal threaded cryogenic vial, self-standing with round bottom	50	500	■			
430663	5 mL External threaded cryogenic vial, self-standing with round bottom	50	500	■			

Flasks

Cat. No.	Description	Qty/Pk	Qty/Cs	Cell Culture/Seed	Expand/Assay	Harvest	Analyze
430639	Corning 25 cm ² rectangular canted neck cell culture flask, vent cap	20	200	■			
353108	Falcon 25 cm ² rectangular canted neck cell culture flask, vent cap	20	100	■			
430641U	Corning 75 cm ² U-shaped canted neck cell culture flask, vent cap	5	100	■			
353136	Falcon 75 cm ² rectangular canted neck cell culture flask, vent cap	5	60	■			
430825	Corning 150 cm ² U-shaped canted neck cell culture flask, vent cap	5	50	■			
355001	Falcon 150 cm ² rectangular canted neck cell culture flask, vent cap	5	40	■			
431080	Corning 175 cm ² U-shaped angled neck cell culture flask, vent cap	5	50	■			
353112	Falcon 175 cm ² rectangular straight neck cell culture flask, vent cap	5	40	■			

Cat. No.	Description	Qty/Pk	Qty/Cs	Cell Culture/Seed	Expand/Assay	Harvest	Analyze
431082	Corning 225 cm ² angled neck cell culture flask, vent cap	5	25	■			
353138	Falcon 225 cm ² rectangular canted neck cell culture flask, vent cap	5	30	■			
4422-2XL	PYREX 2500 mL low form culture flask	1	1	■			
4425-2XL	PYREX 2800 mL Fernbach-style culture flask with baffles, GL45 screw cap	3	3	■			

Cell Scrapers and Lifter

Cat. No.	Description	Qty/Pk	Qty/Cs	Cell Culture/Seed	Expand/Assay	Harvest	Analyze
353085	Falcon cell scraper with 18 cm handle and 1.8 cm blade, sterile	1	100			■	
353086	Falcon cell scraper with 25 cm handle and 1.8 cm blade, sterile	1	100			■	
353087	Falcon cell scraper with 40 cm handle and 3.0 cm blade, sterile	1	100			■	
353089	Falcon cell scraper with 25 cm handle and 3.0cm blade, sterile	1	100			■	
3010	Corning cell scraper, small	1	100			■	
3011	Corning cell scraper, large	1	100			■	
3008	Corning cell lifter	1	100			■	

Centrifuge Tubes

Cat. No.	Description	Qty/Pk	Qty/Cs	Cell Culture/Seed	Expand/Assay	Harvest	Analyze
430790	Corning 15 mL PP centrifuge tube, CentriStar cap, sterile	50	500	■	■	■	■
352196	Falcon 15 mL high clarity PP centrifuge tube, conical bottom, dome seal screw cap, sterile	50	500	■	■	■	■
430828	Corning 50 mL PP centrifuge tube, conical bottom, CentriStar cap, sterile	25	500	■	■	■	■
430921	Corning 50 mL PP centrifuge tube, self-standing, CentriStar cap, sterile	25	500	■	■	■	■

Media

Cat. No.	Description	Qty/Pk	Qty/Cs	Cell Culture/Seed	Expand/Assay	Harvest	Analyze
10-040-CV	RPMI 1640, 500 mL	6	6	■	■	■	
10-013-CV	DMEM, 500 mL	6	6	■	■	■	

Serum

Cat. No.	Description	Qty/Pk	Qty/Cs	Cell Culture/Seed	Expand/Assay	Harvest	Analyze
35-015-CV	FBS, premium, US Origin, 500 mL	1	1	■	■		
35-016-CV	FBS, premium, US Origin (heat inactivated), 500 mL	1	1	■	■		
35-010-CV	FBS, regular, USDA Safety Tested, 500 mL	1	1	■	■		
35-011-CV	FBS, regular, USDA Safety Tested (heat inactivated), 500 mL	1	1	■	■		

Buffers

Cat. No.	Description	Qty/Pk	Qty/Cs	Cell Culture/Seed	Expand/Assay	Harvest	Analyze
21-031-CV	DPBS, 1X without calcium and magnesium	6	6	■	■	■	
21-040-CV	PBS, 1X without calcium and magnesium, PH 7.4 ± 0.1	6	6	■	■	■	

Cell Dissociation Reagents

Cat. No.	Description	Qty/Pk	Qty/Cs	Cell Culture/Seed	Expand/Assay	Harvest	Analyze
25-050-CI	Trypsin 1X, 0.25% Trypsin in HBSS, [-] calcium, magnesium, 100 mL	6	6	■	■	■	
25-051-CI	Trypsin EDTA 1X, 0.05% Trypsin/0.53 mM EDTA in HBSS, 100 mL	6	6	■	■	■	
25-052-CI	Trypsin EDTA 1X, 0.05% Trypsin/0.53 mM EDTA in HBSS [-] sodium bicarbonate, 100 mL	6	6	■	■	■	
25-052-CV	Trypsin EDTA 1X, 0.05% Trypsin/0.53 mM EDTA in HBSS [-] sodium bicarbonate, 500 mL	6	6	■	■	■	
25-053-CI	Trypsin EDTA 1X, 0.25% Trypsin/2.21 mM EDTA in HBSS, 100 mL	6	6	■	■	■	
25-054-CI	Trypsin 10X 2.5% Trypsin in HBSS [-] phenol red, 100 mL	6	6	■	■	■	
25-056-CI	Corning CellStripper, 100 mL, liquid	6	6	■	■	■	
354253	Cell recovery solution, 100 mL	1	1	■	■	■	
354270	Cell recovery solution, 500 mL	1	1	■	■	■	
354235	Dispase, 100 mL	1	1	■	■	■	
25-058-CI	Accutase® cell detachment solution, liquid, 100 mL	1	1	■	■	■	

Pipet Tips

Cat. No.	Description	Qty/Pk	Qty/Cs	Cell Culture/Seed	Expand/Assay	Harvest	Analyze
MRF-200NX-R-S	200 µL Axygen MultiRack pipet tip, NX filtered, racked, sterile	960	4,800	■	■	■	■
TF-200-L-R-S	200 µL Axygen Maxymum Recovery surface, universal fit filter tips, clear	960	4,800	■	■	■	■

Pipettors

Cat. No.	Description	Qty/Pk	Qty/Cs	Cell Culture/Seed	Expand/Assay	Harvest	Analyze
6050	0.1-2 µL Corning Lambda EliteTouch single-channel pipettor, autoclavable	1	1	■	■	■	■
6051	0.5-10 µL Corning Lambda EliteTouch single-channel pipettor, autoclavable	1	1	■	■	■	■
6052	2-20 µL Corning Lambda EliteTouch single-channel pipettor, autoclavable	1	1	■	■	■	■
6053	5-50 µL Corning Lambda EliteTouch single-channel pipettor, autoclavable	1	1	■	■	■	■
6054	10-100 µL Corning Lambda EliteTouch single-channel pipettor, autoclavable	1	1	■	■	■	■
6055	20-200 µL Corning Lambda EliteTouch single-channel pipettor, autoclavable	1	1	■	■	■	■
6056	100-1000 µL Corning Lambda EliteTouch single-channel pipettor, autoclavable	1	1	■	■	■	■
6065	Corning Lambda EliteTouch starter kit	1	1	■	■	■	■

Serological Pipets

Cat. No.	Description	Qty/Pk	Qty/Cs	Cell Culture/Seed	Expand/Assay	Harvest	Analyze
4487	5 mL Stripette serological pipets, PS, sterile	50	200	■	■	■	■
4488	10 mL Stripette serological pipets, PS, sterile	50	200	■	■	■	■
4489	25 mL Stripette serological pipets, PS, sterile	25	200	■	■	■	■
4490	50 mL Stripette serological pipets, PS, sterile	25	100	■	■	■	■

Pipet Controller

Cat. No.	Description	Qty/Pk	Qty/Cs	Cell Culture/Seed	Expand/Assay	Harvest	Analyze
4099	Corning Stripettor Ultra pipet controller	1	1	■	■	■	■

Cell Counter

Cat. No.	Description	Qty/Pk	Qty/Cs	Cell Culture/Seed	Expand/Assay	Harvest	Analyze
6749	Cell counter	1	1	■	■		■

Corning Invasion Chambers

Cat. No.	Description	Qty/Pk	Qty/Cs	Cell Culture/Seed	Expand/Assay	Harvest	Analyze
354480	BioCoat Matrigel invasion chambers, 8.0 µm PET membrane in two 24-well plates	12	24		■		
354483	BioCoat Matrigel invasion chambers growth factor reduced, 8.0 µm PET membrane in two 24-well plates	12	24		■		
354481	BioCoat Matrigel invasion chambers 8.0 µm PET membrane in four 6-well Plates	2	24		■		

Corning Transwell Permeable Supports

Cat. No.	Description	Qty/Pk	Qty/Cs	Cell Culture/Seed	Expand/Assay	Harvest	Analyze
7424	Transwell insert, TC-treated, with tray, with lid	5	20		■		
7524	Transwell insert, rectangular reservoir, with lid	5	20		■		
7910	75 mm Transwell permeable supports with 0.4 µm pore PC membrane insert	1	12		■		
3420	75 mm Transwell permeable supports with 3.0 µm pore PC membrane insert	1	12		■		

Corning Matrigel Matrix (self-coat for cell invasion and angiogenesis assays)

Cat. No.	Description	Qty/Pk	Qty/Cs	Cell Culture/Seed	Expand/Assay	Harvest	Analyze
354234	Matrigel basement membrane matrix, LDEV-free, 10 mL	1	1		■		
356237	Matrigel basement membrane matrix, phenol red-free, LDEV-free, 10 mL	1	1		■		
354248	Matrigel basement membrane matrix high concentration (HC), LDEV-free, 10 mL	1	1		■		
356230	Matrigel growth factor reduced (GFR) basement membrane matrix, LDEV-free, 5 mL	1	1		■		
354277	Matrigel hESC-qualified matrix, LDEV-free, 5 mL	1	1		■		

Multiwell Plates for Angiogenesis Studies

Cat. No.	Description	Qty/Pk	Qty/Cs	Cell Culture/Seed	Expand/Assay	Harvest	Analyze
3516	Corning Costar 6-well clear multiwell plates, TC-treated, sterile	1	50		■		
3513	Corning Costar 12-well clear multiwell plates, TC-treated, sterile	1	50		■		
3524	Corning Costar 24-well clear multiwell plates, TC-treated, sterile	1	100		■		
3548	Corning Costar 48-well clear multiwell plates, TC-treated, sterile	1	100		■		
3596	Corning Costar 96-well clear flat bottom PS TC-treated microplates, with lid, sterile	1	50		■		
3599	Corning Costar 96-well clear flat bottom PS TC-treated microplates, with lid, sterile	1	100		■		
3799	Corning Costar 96-well clear round bottom TC-treated microplates, with lid, sterile	1	50		■		

Corning HUVEC-2 Cells

Cat. No.	Description	Qty/Pk	Qty/Cs	Cell Culture/Seed	Expand/Assay	Harvest	Analyze
354151	Human umbilical vein endothelial cells, HUVEC-2 cells (>5 x 10 ⁵ cells), 1 cryogenic vial/pack	1	1		■		

Fluorescent Dyes

Cat. No.	Description	Qty/Pk	Qty/Cs	Cell Culture/Seed	Expand/Assay	Harvest	Analyze
354216	Calcein AM fluorescent dye, 500 µg	1	1		■		■
354217	Calcein AM fluorescent dye, 1 mg	1	1		■		■
354218	DiIC12(3) fluorescent dye, 100 mg	1	1		■		■



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