

Materials List for:

Modeling the Early Steps of Ovarian Cancer Dissemination in an Organotypic Culture of the Human Peritoneal Cavity

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Materials

Name	Company	Catalog Number	Comments
1. Isolation and culture of primary cells			
PBS	Fisher Scientific	SH3001304	
Single-edged razor blades	Fisher Scientific	12-640	
15 cm culture dishes	BD Biosciences	353025	
Glass flask	?	?	
Fetal Bovine Serum (FBS)	Life Technologies	16000044_3616914956	
DMEM with L-Glutamine	Corning	10-013-CV	
MEM Vitamins	Corning	25-020-CI	
MEM Nonessential amino acids	Corning	25-025-CI	
Penicillin-Streptomycin	Corning	30-002-CI	
Shaker	Thermo-Fisher	MaxQ 4450	
Centrifuge	Eppendorf	5702	
Incubator	Thermo-Fisher	Forma Series II Water Jacketed CO2 Incubator Model 3100	
Trypsin EDTA, 1x (0.25%)	Corning	25-053-CI	
Hyaluronidase	Worthington Biochemical	LS002592	
T-75 Flasks	BD Biosciences	353136	
T-175 Flasks	BD Biosciences	353112	
Pipet tips	Rainin	P2, P10, P20, P200 and P1000	
Pipet tips	Corning	Filtered tips P2, P10, P20, P200 and P1000	
Name of Reagent/ Equipment	Company	Catalog Number	Comments/Description
2. Plating 3D culture			
Cell Counter	Invitrogen	Countess	
Countess Cell Counting Chamber Slides	Invitrogen	C10313	
Trypan Blue Stain (0.4%)	Gibco	15250-061	
Collagen Type I (Rat Tail)	BD Biosciences	354236	
96 well plate, clear bottom, black	BD Biosciences	353219	
Name of Reagent/ Equipment	Company	Catalog Number	Comments/Description
3. Adhesion assay			
Multichannel pipet	Eppendorf	Xplorer 300	
Paraformaldehyde solution 4% in PBS	Santa Cruz Biotechnology	sc-281692	
Plate reader	Molecular Devices	Minimax	

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5. Invasion assay			
Cell Culture Inserts (8um, 24-well)	BD Biosciences	353097	
Cotton swabs	Q-tips	cotton swabs	
Microscope	Zeiss	Axiovert 200m	
Cell Profiler	public domain		
24 well plate	BD Biosciences	353047	
Name of Reagent/ Equipment	Company	Catalog Number	Comments/Description
6. Antibodies			
Anti-Integrin α V β 3 Antibody, clone LM609	EMD Millipore	MAB1976	
Beta 1	Oncosynergy	OS2966	
Alpha 5 [CD49e]	ID Pharmingen	555615	
Beta 4 [CD104]	EMD Millipore	MAB 2058	