Materials List for

Modeling Breast Cancer in Human Breast Tissue using a Microphysiological System

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Materials

Name	Company	Catalog Number	Comments
Accumax	Innovative Cell Technologies	1333	Cell disassoication solution for separation of BC-MPS
Accutase	Corning	25-058-CI	Cell detachment solution for passaging of cells
BioStor Container 16oz	National Scientific Supply Co	MPCE-T016	For Transport of sterile tissue
Cell Culture 75 cm flasks	Corning	430641U	For culturing ASCs
Conical Tubes 15mL	ThermoScientific	339650	
Curved Forceps	ThermoScientific	1631T5	For maneuvering tissue while mincing
DMEM low glucose, w/ Glutamax	Gibco	10567-014	For culturing ASCs and BC-MPS
FBS Qualified	Gibco	26140-079	
Gelatin	Sigma	G9391	
HBSS 10x	Gibco	14185-052	
NaOH	Sigma	221465	
Nunc UpCell 6 well plates	ThermoScientific	174901	Top ASC cell sheet
PBS	Gibco	10010-023	
Pen/Strep 5,000U	Gibco	15070-063	
Petri Dish 150 cm	FisherBrand	FB0875714	For holding tissue while mincing
Razor Blades	VWR	55411-055	Single Edge for mincing tissue
Strainer 250um	ThermoScientific	87791	For separation of BC-MPS
Tissue Culture 6 well plates	Corning	3506	Bottom ASC cell Sheet
Weights/Washers	BCP Fasteners	BCP672	For weighing plungers down 1/2" inner diameter