

Materials List for:

Growth and Characterization of Irradiated Organoids from Mammary Glands

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Materials

Name	Company	Catalog Number	Comments
10% Neutral Buffered Formalin	VWR	16004-128	
Anti-cytokeratin 14	abcam	ab181595	Lot: GR3200524-3
Bovine Serum Albumin	Sigma	A1933-25G	
Collagen Type I	Corning	354236	
Collagenase from Clostridium Histolyticum, Type VIII	Sigma	C2139	
Collagenase I	Gibco	17018029	
DMEM/F12	ThermoFisher	11320-033	
DNase	Roche	10104159001	
DPBS	Fisher	14190250	
E-Cadherin	Cell Signaling	24E10	Lot: 13
FBS	Sigma	F0926	
Gentamicin	Gibco	15750	
Goat anti-rabbit secondary	abcam	ab150077	green Lot: GR3203000-1
Goat anti-rabbit secondary	abcam	ab150080	red Lot: GR3192711-1
Hoechst 33342	Fisher	62249	Lot: TG2611041
Insulin (10 mg/mL)	Sigma	I9278	
Insulin-Transferrin-Selenium, 100x	Gibco	51500-056	
Matrigel Basement Membrane (basement membrane extracted from Engelbreth-Holm-Swarm mouse sarcoma)	Corning	356237	
Normal Goat Serum	Vector Laboratories	S-1000	
Nuclon Sphera 96 well plates	Thermo	174927	
PBS	VWR	10128-856	
Pen/strep	Fisher	15140122	
Phalloidin	abcam	ab176757	Lot: GR3214582-16
Tight Junction Protein 1	Novus	NBP1-85047	Lot: C115428
Triton X-100 (4-(1,1,3,3-Tetramethylbutyl)phenyl-polyethylene glycol)	Sigma	X100-100ML	
Trypsin	Gibco	27250-018	
Tween-20 (Polyethylene glycol sorbitan monolaurate)	Sigma	P1379-100ML	