

Materials List for:

# An *Ex vivo* Model to Study Hormone Action in the Human Breast

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## Materials

Name	Company	Catalog Number	Comments
Microlitre Centrifuge	Heraeus Biofuge Fresco	75005521	
Centrifuge 5810R	Eppendorf	5810 000.327	
Cryobox	Nalgene	5100-0001	
Controlled Rate Freezer EF600 Grant	Asymptote	EF600	
CO <sub>2</sub> incubator	Hera Cell Heraeus	51022391	
Roller Mixer SRT9D	Sturt	SRT9D	
Histology Cassettes	Medizintechnik	81-0021-00	
Cell Strainer	Falcon	352340	
Strile Surgical Blade	Aesculap	BB536	
Scalpel	Aesculap	BB084R	
Forceps	Aesculap	BD047R	
Scissors	Aesculap	BC374R	
Paraffin base mold	SAKURA	4166	
Optimal Cutting Temperature (OCT) Cryomatrix	Thermoscientific	6769006	
Penicillin/Streptomycin	Life Technologies	15070-063	
Antibiotic/Antimycotic	Life Technologies	15240-062	
DMEM F/12	Life Technologies	11039-021	Prewarm (37 °C)
Collagenase	Roche	11 088 793 001	Prewarm (37 °C)
Fetal Bovine Serum	Life Technologies	10270	Can be replaced with Fetal Calf Serum
Cell Blood Lysis Buffer	Sigma	R7757	
Dimethyl sulfoxide (DMSO)	Sigma	D2650	
Trypsin-EDTA	Life Technologies	15400-054	
Agarose	Invitrogen	16500-500	
Formaldehyde	Sigma	F1635	
Paraformaldehyde	Roth	335	
Isopentane	Sigma	M32631	
Ethanol	Merck	1009831000	
Cryogenic vials (5.0 ml)	VWR, International	479-0820	
Ultra low attachment culture dish	Corning, NY 14831	3471	