

Materials List for:

Obtaining Cancer Stem Cell Spheres from Gynecological and Breast Cancer Tumors

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Materials

Name	Company	Catalog Number	Comments
Absolute ethanol	Merck Millipore	100983	
Accutase	Gibco	A1110501	StemPro Accutase Cell Dissociation Reagent
ALDH antibody	Santa Cruz Biotechnology	SC166362	
Annexin V FITC	BD Biosciences	556547	
Antibiotic antimycotic solution	Sigma	A5955	
BCA assay	Thermo Scientific	23225	Pierce BCA Protein Assay Kit
Bovine serum albumin	Sigma	A9418	
CD133 antibody	Mitney Biotec	293C3-APC	Allophycocyanin (APC)
CD24 antibody	BD Biosciences	658331	Allophycocyanin-H7 (APC-H7)
CD44 antibody	Biolegend	103020	Pacific Blue (PB)
Cell strainer	BD Falcon	352340	40 µM
Collagenase, type IV	Gibco	17104-019	
cOmplete Mini	Roche	118 361 700 0	
Dithiothreitol	Sigma	43815	
DMEM-F12	Sigma	D8900	
DNase I	Roche	11284932001	
ECC-1	ATCC	CRL-2923	Human endometrium adenocarcinoma cell line
Epidermal growth factor	Sigma	E9644	
Fibroblast growth factor basic	Sigma	F0291	
Haemocytometer	VWR	HERE1080339	
HCC1806	ATCC	CRL-2335	Human mammary squamous cell carcinoma cell line
Insulin, transferrin, selenium Solution	Gibco	41400045	

MCF7	ATCC	HTB-22	Human mammary adenocarcinoma cell line
Methylcellulose	AlfaAesar	45490	
NaCl	JMGS	37040005002212	
Poly(2-hydroxyethyl-methacrylate)	Sigma	P3932	
Putrescine	Sigma	P7505	
RL95-2	ATCC	CRL-1671	Human endometrium carcinoma cell line
Sodium deoxycholic acid	JMS	EINECS 206-132-7	
Sodium dodecyl sulfate	Sigma	436143	
Tris	JMGS	20360000BP152112	
Triton-X 100	Merck	108603	
Trypan blue	Sigma	T8154	
Trypsin-EDTA	Sigma	T4049	
β-actin antibody	Sigma	A5316	