

Materials List for

Non-Destructive Evaluation of Regional Cell Density Within Tumor Aggregates Following Drug Treatment

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URL

jove.com/video/64030

Materials

Name	Company	Catalog Number	Comments
96 well plates	Greiner Bio-One	650970	CellStar Cell-Repellent Surface, https://shop.gbo.com/en/usa/products/bioscience/cell-culture-products/cellstar-cell-repellent-surface/
0.25% trypsin, 2.21 mM EDTA	Corning	25-053-CI	
AU565 breast cancer cells	ATCC		
Dulbecco's Modified Eagle's Medium	Corning	10-013-CV	
Fetal Bovine Serum	ATCC	30-2020	
FIJI software	open-source	(Fiji Is Just) ImageJ v2.1/1.5.3j	Downloaded from https://imagej.net/software/fiji/
Hemocytometer	Fisher Scientific	0267151B	
Imaris image analysis software	Bitplane		Current version 9.8
L-glutamine	Lonza	17-605E	
Matrigel	Corning	354263	
MDA-MB-231 breast cancer cells	ATCC		
Microscope	Zeiss	Z1 AxioVision	
Penicillin streptomycin	Corning	30-0002CI	
Plate centrifuge	Eppendorf		
RPMI medium 1640	Gibco	11875-085	
Spectral Domain Optical Coherence Tomography	ThorLabs	TEL220C1	
T75 cell culture flasks	Greiner Bio-One	658175	
Trastuzumab			Remnant clinical samples of Trastuzumab were used in this study, generously gifted by the Albany Medical College Pharmacy.