

Materials List for:

# Comparison of Three Different Methods for Determining Cell Proliferation in Breast Cancer Cell Lines

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## Materials

Name	Company	Catalog Number	Comments
Dulbecco's Modified Eagle Medium, no phenol-red	ThermoFisher Scientific	21063-045	Supplemented with 10% FBS, 200 mM L-glutamine, 2 µg/ml insulin and 1 µg/ml puromycin
L-glutamine solution (100x)	ThermoFisher Scientific	25030-081	
Insulin solution human	Sigma-Aldrich	I9278-5ML	
Fetal bovine serum (FBS)	Bovogen Biologicals	SFBS-F-500ml	
Puromycin dihydrochloride	Sigma-Aldrich	P9620-10ML	
0.5% trypsin-EDTA solution (10x)	ThermoFisher Scientific	15400-054	Dilute to 2x in DPBS
Dulbecco's Phosphate Buffered Saline (DPBS) (1x)	ThermoFisher Scientific	30028-02	
Tissue culture flask, 75 cm <sup>2</sup> growth area	Greiner Bio-One	658175	
Scepter 2.0 Cell Counter	Merck Millipore		Automated cell counter
96 well multiwell plate, flat bottom	Nunc	167008	
Improved Neubauer Hemocytometer	BOECO Germany	BOE 01	
Olympus IX51 inverted microscope	Olympus	IX51	
CellTiter-Glo 2.0 Assay	Promega	G9242	Luminescence-based assay
Cytation 3 Cell Imaging Multi-Mode Reader	BioTek		Plate reader for luminescence, fluorescence and brightfield cell imaging
Gen5 Data Analysis Software	BioTek	GEN5	