

Materials List for:

Discrimination and Characterization of Heterocellular Populations Using Quantitative Imaging Techniques

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Materials

Name	Company	Catalog Number	Comments
RPMI-1640	Corning	10-040-CV	cell culture medium
Fetal Bovine Serum (FBS)	Gemini	100-106	medium supplement
Penicillin/streptomycin	Gibco	15-140-122	medium supplement
TC20	Biorad	1450102	cell counter
TC20 slides with trypan blue	Biorad	1450003	cell counter slides
96-well plates	Corning	3904	clear bottom black plates
Erlotinib	LC Laboratories	E-4007	
DMSO	VWR	317275-100ML	solution to resuspend drug
Hoechst	Invitrogen	H21491	nuclear dye
Propidium Iodide (PI)	Invitrogen	P1304MP	dead cell stain
Cell Tracker Orange CMRA	Life Technologies	C34551	whole cell stain
Operetta high content imaging system	Perkin Elmer		
CellProfiler	Broad Institue	version 2.2.0 (rev 9969f42)	http://cellprofiler.org/releases/
Cell culture incubator			Any cell culture incubator will be suitable - cells were cultured under 37 °C at 5% CO ₂ .
15 mL Falcon conical tubes	Falcon	14-959-53A	
10 cm ² cell culture plates	TPP	93040	