

Materials List for:

Preparation of Primary Acute Lymphoblastic Leukemia Cells in Different Cell Cycle Phases by Centrifugal Elutriation

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Materials

Name	Company	Catalog Number	Comments
Hanks' balanced salt solution	Lonza	10-508Q	1 L bottle
Fetal Plus bovine serum	Atlas Biologicals	FP-0500-A	500 mL bottle
2-naphthol-6,8-disulfonic acid dipotassium salt	Acros Organics	212-672-4	100 g powder
50 mL conical tubes	Denville Scientifics	C1062-P	500/case
PES Membrane 0.22 µm filter unit	Millipore	SLGP033RB	250/pack
Avanti J-26S XPI w/ Elut. Non-IVD - 50/60 Hz, 200/208/240V	Beckman Coulter	B14544	centrifuge compatible with elutriation system
JE 5.0 elutriator rotor kit	Beckman Coulter	356900	rotor kit which includes the rotor, T-handle hex wrench, the quick release assembly (w/o the elutriation chamber), anchoring cable, and the strobe assembly
Chamber, standard, 4-mL, "A"	Beckman Coulter	356943	standard elutriation chamber
Masterflex L/S Easy-Load pump head	Cole-Parmer	EW-07518-10	
Masterflex L/S Variable-Speed Drive	Cole-Parmer	EW-07528-10	
Masterflex BioPharm platinum-cured silicone pump tubing, L/S 16	Cole-Parmer	EW-96420-16	
25 G x 1.5 Precision Glide needle	BD	305127	sterile, single-use needles
10 mL Luer-Lok syringe	BD	309604	sterile, single-use syringes
Vi-Cell XR	Beckman Coulter	383556	
PI/RNase staining buffer	BD Pharmingen	550825	propidium iodide/RNase staining buffer
cyclin B1 (GNS1) mouse monoclonal IgG antibody	Santa Cruz Biotechnology	sc-245	
cyclin D1 (DCS-6) mouse monoclonal IgG antibody	Santa Cruz Biotechnology	sc-20044	
P-Rb (S807/811) (D20B12) XPR rabbit monoclonal antibody	Cell Signaling Technology	8516s	
GAPDH (14C10) rabbit monoclonal antibody	Cell Signaling Technology	2118s	
Goat anti-mouse IgG (H+L)-HRP conjugate	BioRad	170-6516	
Goat anti-rabbit IgG (H+L)-HRP conjugate	BioRad	170-6515	