

Materials List for:

# Temporal Tracking of Cell Cycle Progression Using Flow Cytometry without the Need for Synchronization

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## Materials

Name	Company	Catalog Number	Comments
APC BrdU Flow Kit	BD Biosciences	552598	Contains BrdU antibody, 7-AAD and BD Cytofix/Cytoperm Buffer (referred to as Fixation Buffer)
BD Cytoperm Permeabilization Buffer Plus	BD Biosciences	561651	Referred to as Permeabilization buffer
BD Perm/Wash Buffer	BD Biosciences	554723	Referred to as Wash buffer
DNase	Sigma	D-4513	
BD Falcon 12 x 75 mm FACS tubes	BD Biosciences	352008	
BD Pharmingen Stain Buffer	BD Biosciences	554656	
BD LSR FORTRESSA flow cytometer	BD Biosciences	FORTRESSA	
Pipetman	Gilson	P2, P20, P100, P1000	
RPMI 1,640 w/o L-Gln 500 ml	Lonza	12-167F	
DPBS	Lonza	17-512F	
Fetal Bovine Serum	FisherBiotec	FBS-7100113	
L-Glutamine	Sigma	G7513-100ML	
5-Bromo-2'-deoxyuridine	Sigma	B5002-1G	
Falcon TC 150 cm <sup>2</sup> vented Flasks	BD Biosciences	355001	
Pipettes 25 ml	Greiner	760180	
Aersol Pipettes 200 µl	Interpath	24700	
Aersol Pipettes 1 ml	Interpath	24800	
Centrifuge	Spintron	GT-175R	
CO <sub>2</sub> incubator	Binder	C 150	
AF488 anti-Histone H3 Phospho (Ser10) Antibody	Cell Signalling	9708S	
Phospho-Chk2 (Thr68) (C13C1) Rabbit mAb	Cell Signalling	2197S	
Phospho-Chk1 (Ser345) (133D3) Rabbit mAb	Cell Signalling	2348S	
NALM6	DSMZ	ACC-128	