

Materials List for:

# Comprehensive Protocol to Sample and Process Bone Marrow for Measuring Measurable Residual Disease and Leukemic Stem Cells in Acute Myeloid Leukemia

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URL: <https://www.jove.com/video/56386>

DOI: [doi:10.3791/56386](https://doi.org/10.3791/56386)

## Materials

Name	Company	Catalog Number	Comments
FACS Canto II	BD Biosciences	338962	
CD7 FITC (50µg/ml)	BD Biosciences	555360	
CD2 FITC (Unknow)	DAKO	F076701	
CD36 FITC (25µg/ml)	Sanquin	M1613	
CD15 FITC (200 µg in 200 ml)	BD Biosciences	332778	
CD45RA FITC (50µg/ml)	BD Biosciences	335039	
CD56 PE (50µg/ml)	BD Biosciences	345810	
CD22 PE (12,5µg/ml)	BD Biosciences	337899	
CD14 PE (50µg/ml)	BD Biosciences	345785	
CD133 PE (16,5µg/ml)	Miltenyi Biotec	130-080-801	Will be replaced soon by Miltenyi for 130-113-108 (75µg/ml) and needs to be titrated
Clec12a PE (Unknow)	BD Biosciences	562566	
Tim-3 PE (100µg/ml)	BD Biosciences	563422	
CD7 PE (25µg/ml)	BD Biosciences	555361	
CD11b PE (50µg/ml)	BD Biosciences	333142	
CD34 PERCP-CY5.5 (12,5 µg/ml)	BD Biosciences	347222	
CD123 PERCP-CY5.5 (25µg/ml)	BD Biosciences	558714	
CD117 PC7 (12,5µg/ml)	Beckman Coulter	B49221	
CD33 PE-CY7 (25µg/ml)	BD Biosciences	333952	
CD19 APC (50µg/ml)	BD Biosciences	345791	
CD11b APC (50µg/ml)	BD Biosciences	333143	
CD33 APC (12,4µg/ml)	BD Biosciences	345800	
CD38 APC (25µg/ml)	BD Biosciences	345807	
HLA-DR APC-H7 (50µg/ml)	BD Biosciences	641411	
CD44 APC-H7 (800µg/ml)	BD Biosciences	560532	
CD13 BV421 (Unknow)	BD Biosciences	562596	
CD34 BV421 (50µg/ml)	BD Biosciences	562577	

CD45 Krome Orange (100µg/ml)	Beckman Coulter	B36294	
CD45 HV500c (100µg/ml)	BD Biosciences	655873	
CST beads	BD Biosciences	655051	
Pharm lysing solution	BD Biosciences	555899	
Multicolor CompBeads	BD Biosciences	644204	
FACSDiva software	BD Biosciences	659523	
Infinicyt	Cytognos	CYT-INFINICYT-AOM	
Rainbow Calibration Particles, 8 peaks,	Spherotech	Euroflow RCP-30-5a	
Tuerk solution	Brocacef		No longer available but can be purchades from different companies
Blank Calibration Particles Beads	Spherotech	BCP-100-5	
Albuman 200g/l	Sanquin	GTIN8717185830910	
Azide	Acros Organics	190381000	
ddH2O			Water demineralized in our institute
10*PBS	Lonza	BE17-517Q	
May Giemsa Grünwald	Merck	1.01424.2500	