

Materials List for:

Patient Derived Cell Culture and Isolation of CD133⁺ Putative Cancer Stem Cells from Melanoma

Yvonne Welte^{1,2}, Cathrin Davies^{1,3}, Reinhold Schäfer^{1,4}, Christian R.A. Regenbrecht^{1,3,4}

¹Institute of Pathology, Laboratory of Molecular Tumor Pathology, Charité - Universitätsmedizin Berlin

²Institute for Chemistry and Biochemistry, Free University Berlin

³Laboratory for Functional Genomics Charité (LFGC), Charité - Universitätsmedizin Berlin

⁴Comprehensive Cancer Center Charité, Charité - Universitätsmedizin Berlin

Correspondence to: Yvonne Welte at yvonne.welte@charite.de, Christian R.A. Regenbrecht at christian.regenbrecht@charite.de

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Materials

Name	Company	Catalog Number	Comments
Reagent			
Accutase	PAA Laboratories GmbH	L11-007	
Amphotericin B solution 250 µg/mL in deionized water	Sigma-Aldrich, Inc.	A2942-50ml	
anti-fibroblasts microbeads	Miltenyi Biotec GmbH	130-050-601	
CD133/1 (W6B3C1)	Miltenyi Biotec GmbH	130-092-395	
Collagenase IV	Sigma-Aldrich, Inc.	C5138	
DNase I	Applichem GmbH	A3778.0050	
D-PBS without Ca, Mg	PAA Laboratories GmbH	H15-002	
Ethylendiaminetetraacetic acid disodium salt dehydrate (EDTA)	Sigma-Aldrich, Inc.	E-7889	
FBS Superior	Biochrom	S0615	
Indirect CD133 Micro-Bead Kit human	Miltenyi Biotec GmbH	130-091-895	Includes: CD133/1(AC133)-Biotin, anti-Biotin MicroBeads and FcR Blocking Reagent
Penicillin-Streptomycin, liquid (100x)	Invitrogen GmbH	15140-122	
Quantum 263	PAA Laboratories GmbH	U15-815	
Red Blood Cell Lysis Solution (10x)	Miltenyi Biotec GmbH	130-094-183	
Equipment			
Cell strainer (70 µm)	BD Biosciences	352350	
gentleMACS C Tubes	Miltenyi Biotec GmbH	130-093-237	
gentleMACS dissociator	Miltenyi Biotec GmbH	130-093-235	
MACS Separator Multi Stand	Miltenyi Biotec GmbH	130-042-303	
MACS Separation Columns 25 LS Columns	Miltenyi Biotec GmbH	130-042-401	
MACSmix Tube Rotator	Miltenyi Biotec GmbH	130-090-753	
Natriumchloride	Merck KGaA	567440-1KG	
Pre-Separation Filters	Miltenyi Biotec GmbH	130-041-407	
QuadroMACS Separator	Miltenyi Biotec GmbH	130-090-976	
Rotilabo-syringe filters (0.22 µm, PES)	Carl Roth GmbH Co. KG	P668.1	
Steritop-GP Filter Unit 500 ml	Miltenyi Biotec GmbH	SCGPS05RE	