

Materials List for:

Unicellular Selection of Living Cells in Liquid Medium Using Laser Microdissection and a Pressure Catapulting System

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URL: <https://www.jove.com/video/58234>

DOI: [doi:10.3791/58234](https://doi.org/10.3791/58234)

Materials

Name	Company	Catalog Number	Comments
DMEM/F-12	Gibco life technologies, France	61331-020	lot: 134998C
Kova-slide	Dutscher, France	50126	lot: K301533
MACS smartStrainers 70 µm	MACS Miltenyi Biotec, France	120-018-898	lot: 5141106083
Miltenyi cell sorting buffer			
CD133 Microbeads kit Human	MACS Miltenyi Biotec, France	130-050-801	lot: 5100531034
LS column	MACS Miltenyi Biotec, France	130-042-401	lot: 5161007015
MACS Buffer	MACS Miltenyi Biotec, France	130-091-221	lot: 5160411268
Quadromacs Separator	MACS Miltenyi Biotec, France	130-090-976	lot: 13277
B27-NeuroMix	PAA	F01-002	lot: F00212-2873
BSA	Sigma, France	A2058	lot: 41F9730K
PBS 1x pH 7.4	Gibco, life technologies, France	14200-075	lot: 1848915
Insulin	Sigma, France	I9278	lot: 5LBC3574
Epidermal growth factor	R&D systems, France	236-EG-01M	lot: HLM4210101
Hydrocortisone	Sigma, France	H08888-5G	lot: 028K1215
Penicilline/streptomycine	Gibco life technologies, France	15140-22	lot: 1014003
Fibroblast growth factor b	PeproTechbio	100-18B 50µg	lot: 060908-1
CRISPR-CAS9	System Bioscience Ozyme, France	CAS740G-1	lot: N/A
BLOCK-IT fluorescent Oligo GFP) 20µM	Invitrogen, life technologies, France	2013-44-2926	lot: 1477937
Opti-MEM I Reduced Serum Medium	Gibco, life technologies, France	11058-021	lot: 867419
Lipofectamine LTX Reagent	Invitrogen, life technologies, France	15338-100	lot: 1781680
PLUS Reagent	Invitrogen, life technologies, France		
G418 sulfate	PAA	P02-012	lot: P01211-2715
Lumox dish 35	Carl Zeiss microscopy GmbH	94.6077.332	lot: 13070655
Palm software	Carl Zeiss microscopy GmbH	PALMRobot 4.6	
BECN1 primers Forward (CCG-AAG-ACT-GAA-GGC-AAG-TC)	Eurogentec		custom
BECN1 primers Revers (GAC-GTT-GAG-CTG-AGT-GTC-CA)	Eurogentec		custom