

Materials List for:

# Labeling of Breast Cancer Patient-derived Xenografts with Traceable Reporters for Tumor Growth and Metastasis Studies

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## Materials

Name	Company	Catalog Number	Comments
DMEM/F12 (1:1)	Hyclone	SH30023.01	
bFGF	BD Biosciences	354060	
EGF	BD Biosciences	354001	
Heparin	Sigma	H4784	
B27	Gibco/Thermo Fisher	17504-44	
Anti-fungi-antibiotics	Hyclone	SV30010	
Accumax	Innovative Cell Technologies	AM-105-500	Digestion Buffer
FBS	Atlanta Biologicals	S11550	
HBSS Red Ca <sup>2+</sup> /Mg <sup>2+</sup> free	Hyclone	SH30031.02	
Hepes			
10x PBS	Hyclone	SH30258.01	
Cultrex	Cultrex	3433-005-01	Basement Matrix Extract (BME)
30 °C shaker	NewBrunswick Scientific CO. INC	Series 25 Incubator Shaker	
70 µm filters	Falcon	7352350	
scalpels	Fisher	22079690	
Clorhexidine disinfectant	Durvet	NDC# 30798-624-35	
Red blood cell lysis reagent	Sigma	R7757	
Neuraminidase	Sigma	N7885-1UN	
EpCAM (CD326+) microbeads*	Miltenyl Biotec	130-061-101	
Lineage cell depletion Kit, mouse*	Miltenyl Biotec	130-090-858	
MiniMACS Separator	Miltenyl Biotec	130-042-102	
Mini MACS Magnetic Stand	Miltenyl Biotec	130-042-303	
MS Columns	Miltenyl Biotec	130-042-201	MS or LS columns can be used, adjust to number of cells.
Illumatool Tunable light system	Lighttools research	Various	For in vivo fluorescence imaging
Xenogen IVIS200 imaging device	Xenogen	Various	For in vivo luminiscence imaging
Human Cytokeratin Clone MNF116 Monoclonal antibody	DAKO	M0821	Pan-cytokeratin
Epidermal Growth factor receptor antibody	Cell signaling	4267S	EGFR