

Materials List for:

# Fluorescence Molecular Tomography for *In Vivo* Imaging of Glioblastoma Xenografts

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## Materials

Name	Company	Catalog Number	Comments
DMEM/High Glucose	HyClone/GE	SH30022.1	
DMEM/F12 1:1	Gibco	11320-082	
FBS	HyClone/GE	SH30071.03	
Accutase	Innovative cell technologies	AT-104	
Trypsin	HyClone/GE	SH30236.01	
B27 supplement	Gibco	17504044	
human recombinant EGF	Stemcell Technologies	2633	
human recombinant FGF	Stemcell Technologies	2634	
DPBS	Corning	21-031-00	
FACS tubes	Falcon	352235	
DAPI	ThermoFisher Scientific	62248	
Blasticidin	ThermoFisher Scientific	A1113903	
p24 ELISA	Clontech	632200	
Xylazine	Akorn	NDC 59399-110-20	
Ketamine	Zoetis	NADA 043-403	Controlled substance
Ointment	Dechron	NDC 17033-211-38	
Absorbable suture	CpMedical	VQ392	
5 ul syringe	Hamilton	26200-U	Catalog number as sold by Sigma-Aldrich
Cell Sorter	Sony	SH8007	
Mouse stereotaxic frame	Stoelting	51730	
Motorized stereotaxic injector	Stoelting	53311	
Micromotor hand-held drill	Freedom	K1070	
Mouse warming pad	Ken Scientific Corporation	TP-22G	
Fluorescence Tomography System	PerkinElmer	FMT 2500 XL	
TrueQuant Imaging Software	Perkin Elmer	7005319	
Ultra-centrifuge Optima L-80 XP	Beckman Coulter	392049	
Tissue Culture 100mm Dishes	Olympus Plastics	25-202	
Tissue Culture 150mm Dishes	Olympus Plastics	25-203	
Tissue Culture Flasks T75	Corning	430720U	
50 mL conical tubes	Corning	430290	

15 mL conical tubes	Olympus Plastics	28-101	
Centrifuge Avanti J-20	Beckman Coulter	J320XP-IM-5	
Tube, Polypropylene, Thinwall, 5.0 mL	Beckman Coulter	326819	
Tube, Thinwall, Polypropylene, 38.5 mL, 25 x 89 mm	Beckman Coulter	326823	
Athymic nude mice	Charles River Laboratories	Strain Code 490 (Homozygous)	Prior approval by the Institutional Animal Care Program and by the Institutional Biosafety Committee required.