

Materials List for:

# Dual Bioluminescence Imaging of Tumor Progression and Angiogenesis

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## Materials

Name	Company	Catalog Number	Comments
0.25% Trypsin-0.53 mM EDTA	Gibco	25200072	
1.5 mL Tubes	Axygen Scientific	MCT-105-C-S	
15 mL Tubes	Corning Glass Works	601052-50	
293T	ATCC	CRL-3216	
4T1	ATCC	CRL-2539	
60 mm Dish	Corning Glass Works	430166	
6-well Plate	Corning Glass Works	3516	
Biosafety Cabinet	Shanghai Lishen Scientific	Hfsafe-900LC	
Blasticidine S Hydrochloride (BSD)	Sigma-Aldrich	15205	
Cell Counting Kit-8	MedChem Express	HY-K0301	
CO <sub>2</sub> Tegulated Incubator	Thermo Fisher Scientific	4111	
Coelenterazine (CTZ)	NanoLight Technology	479474	
D-luciferin Potassium Salt	Caliper Life Sciences	119222	
DMEM Medium	Gibco	C11995500BT	
Fetal Bovine Serum (FBS)	BIOIND	04-001-1A	
Fluorescence Microscope	Nikon	Ti-E/U/S	
Ganciclovir (GCV)	Sigma-Aldrich	Y0001129	
Graphics Software	GraphPad Software	Graphpad Prism 6	
Insulin Syringe Needles	Becton Dickinson	328421	
Isoflurane	Baxter	691477H	
Lentiviral Packaging System	Biosettia	cDNA-pLV03	
Liposome	Invitrogen	11668019	
Living Imaging Software	Caliper Life Sciences	Living Imaging Software 4.2	
Living Imaging System	Caliper Life Sciences	IVIS Lumina II	
MEM Medium	Invitrogen	31985-070	
Penicillin-Streptomycin	Invitrogen	15140122	
Phosphate Buffered Saline (PBS)	Corning Glass Works	R21031399	
Polybrene	Sigma-Aldrich	H9268-1G	
RPMI1640 Medium	Gibco	C11875500BT	
SORVALL ST 16R Centrifuge	Thermo Fisher Scientific	Thermo Sorvall ST 16 ST16R	
Ultra-low Temperature Refrigerator	Haier	DW-86L338	
XGI-8 Gas Anesthesia System	XENOGEN Corporation	7293	