

Materials List for:

## Bioluminescent Bacterial Imaging *In Vivo*

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### Materials

Name	Company	Catalog Number	Comments
4T1 cell line	ATCC	CRL-2539	Syngeneic breast cancer model derived from a spontaneously arising BALB/c mammary tumor
DMEM	Sigma-Aldrich	D6429	<i>Dulbecco's Modified Eagle's Medium</i>
PBS	Sigma-Aldrich	D8537	Phosphate Buffered Saline
Xenogen IVIS	Caliper Life Sciences		IVIS 100 for 2D imaging; IVIS Spectrum for 3D.
Luria Broth Miller (LB)	Sigma-Aldrich	L2542	Growth medium for <i>E. coli</i>
Erythromycin	Sigma-Aldrich	E5389	Antibiotic
Streptomycin	Sigma-Aldrich	S9137	Antibiotic
MF1nu/nu mice	Harlan (UK)	069(nu)/070(nu/+)	Hsd:Athymic Nude- <i>Foxn1nu</i>
Balb/c mice	Harlan (UK)	066	Haplotype: <i>H-2<sup>d</sup></i>
Gavage needle	Vet-tech Solutions (UK)	DE009	22G x 38mm straight gavage needle
Syringe for IV injection	BD BioSciences	309309 - 1 ml	Insulin syringe with 28 G x ½ inch micro-fine IV needle.
Syringe for tumor inoculation	Braun	9161376V	Omnifix 26 G x ½ inch needle