

Materials List for:

4D Multimodality Imaging of *Citrobacter rodentium* Infections in Mice

James William Collins¹, Jeffrey A Meganck², Chaincy Kuo², Kevin P Francis², Gad Frankel¹

¹MRC Centre for Molecular Bacteriology and Infection, Division of Cell & Molecular Biology, Imperial College London

²Preclinical Imaging, Caliper- A PerkinElmer Company

Correspondence to: Gad Frankel at g.frankel@imperial.ac.uk

URL: <https://www.jove.com/video/50450>

DOI: [doi:10.3791/50450](https://doi.org/10.3791/50450)

Materials

Name	Company	Catalog Number	Comments
Bioluminescent <i>C. rodentium</i>	Frankel lab	ICC180	Wiles <i>et al.</i> , 2004
Veet	Boots		Optimal depilation time is 7 min. Depilation works better if the cream is rubbed in well.
Isofluorane (100% v/v)	Abbott	B506	
Medical Oxygen	BOC Medical		Size F Cylinder. Note: an appropriate regulator is required.
Luria Bertani broth	Merck	1.10285.0500	25 g in 1L Demineralised water.
Luria Bertani agar	Merck	1.10283.0500	37 g in 1L Demineralised water.
Kanamycin sulphate	Sigma (Fluka)	60615	
50 ml Polypropylene conical Falcon tubes	BD (Falcon)	352070	
Universals	Corning (Gosselin)	E5633-063	
1 ml syringe	BD (Plastipak)	300013	
Oral dosing needle (16G x 75 mm) curved	Vet Tech	DE005	
Microbanks (Cryovial)	Pro-Lab Diagnostics	PL.170/Y	
IVIS Spectrum CT	Caliper- a PerkinElmer Company	133577 Rev A/ Spectrum CT	
6kVA UPS	Caliper- a PerkinElmer Company		
XGI-8 anesthesia system	Caliper- a PerkinElmer Company	118918	
XAF-8 Anaesthesia filter charcoal	Caliper- a PerkinElmer Company	118999/00	
Living Image v4.3.1 SP1	Caliper- a PerkinElmer Company		
Benchtop shaking incubator	New Brunswick Scientific	Innova 44	