

Materials List for

# Longitudinal Follow-Up of Urinary Tract Infections and Their Treatment in Mice using Bioluminescence Imaging

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jove.com/video/62614

## Materials

Name	Company	Catalog Number	Comments
96-well Black Flat Bottom Polystyrene Plate	Corning	3925	for <i>in vitro</i> imaging
Aesculap ISIS	Aesculap	GT421	hair trimmer, with GT608 cap
Anesthesia vaporizer	Harvard apparatus limited	N/A	<a href="https://www.harvardapparatus.com/harvard-apparatus-anesthetic-vaporizers.html">https://www.harvardapparatus.com/harvard-apparatus-anesthetic-vaporizers.html</a>
Baytril 100 mg/mL	Bayer	N/A	Enrofloxacin
BD Insite Autoguard 24 GA	BD	382912	Yellow angiocatheter, use sterile plastic tip for instillation
C57Bl/6J mice	Janvier	N/A	
Centrifuge 5804R	Eppendorf	EP022628146	
Dropsense 16	Unchained Labs	Trinean	to measure OD 600nm
Dulbecco's Phosphate Buffered Saline, Gibco	ThermoFisher Scientific	REF 14040-083	
Ethanol 70% denaturated 5L	VWR international	85825360	
Falcon 14ml Round Bottom Polystyrene Tube, Snap-Cap	Corning	352057	
Falcon 50ml cellstart	Greiner	227285	
Hamilton GASTIGHT syringe, PTFE luer lock, 100 µL	Sigma-Aldrich	26203	to ensure slow bacterial instillation of 50 µL
Inoculation loop	Roth	6174.1	holder: Art. No. 6189.1
Iso-Vet 1000mg/g	Dechra Veterinary products	N/A	Isoflurane
IVIS Spectrum In Vivo Imaging System	PerkinElmer	REF 124262	imaging device
Kanamycine solution 50 mg/mL	Sigma-Aldrich	CAS 25389-94-0	

Living Imaging Software	PerkinElmer	N/A	BLI acquisition software, version 4.7.3
Luria Bertani Broth	Sigma-Aldrich	REF L3022	alternatively can be made
Luria Bertani Broth with agar	Sigma-Aldrich	REF L2897	alternatively can be made
Petri dish Sterilin 90mm	ThermoFisher Scientific	101VR20	to fill with LB agar supplemented with Km
Pyrex Culture flask 250 mL	Sigma-Aldrich	SLW1141/08-20EA	
Slide 200 Trinean	Unchained Labs	701-2007	to measure OD 600nm
UT189-lux	N/A	N/A	Generous gift from Prof. Seed
Vortex	VWR international	444-1372	