

Materials List for:

A Precise Pathogen Delivery and Recovery System for Murine Models of Secondary Bacterial Pneumonia

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URL: <https://www.jove.com/video/59566>

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Materials

Name	Company	Catalog Number	Comments
Lysing Matrix B	MP Biomedicals	6911100	Referred to in text as "0.1 mm silica beads"
21-gauge blunt needle	SAI	B21-150	1.5" is recommended.
RNase-Free DNase Set	Qiagen	79254	DNase used in the accompanying text.
FastPrep-24 Classic Instrument	MP Biomedicals	116004500	FastPrep FP120 is no longer available. Referred to in text as "Bead Beater"
TaqMan AIV-Matrix Reagents	Applied Biosystems	4405543	Influenza A M-segment qRT-PCR kit.
Intubation Stand	Kent Scientific	ETI-MES-01	Referred to in text as "intubation platform." Intubation platform used in the accompanying video was made in house.
RNeasy Mini Kit	Qiagen	74106	RNA purification kit; contains RNeasy columns, Buffer RLT, Buffer RW1, and Buffer RPE
QIAamp Viral RNA Mini Kit	Qiagen	52904	Viral RNA purification kit.
Tissue Grinders	Thermo Fisher Scientific	02-542-08	
2-Mercaptoethanol (β -Mercaptoethanol)	Calbiochem	UN2966	