

Materials List for:

# Use of the EpiAirway Model for Characterizing Long-term Host-pathogen Interactions

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## Materials

Name	Company	Catalog Number	Comments
Saponin	Calbiochem	558255-25GM	1% in D-PBS without calcium or magnesium, filter sterilize
1 X Dulbecco's phosphate-buffered saline with calcium and magnesium	Lonza Inc.	17-513Q	
1 X Dulbecco's phosphate-buffered saline without calcium or magnesium	Lonza Inc.	17-515Q	
EpiAirway antibiotic-free tissues	MatTek Corp.	AIR-100-ABF	
EpiAirway antibiotic-free maintenance media	MatTek Corp.	AIR-100-MM-ABF	Supplied with kit
10X phosphate-buffered saline solution	EMD Millipore	6506	Dilute to 1X before use
Gelatin	JT Baker	2124-01	Add to a final concentration of 0.1% in 1 X PBS and autoclave
Difco GC Medium Base (chocolate agar)	VWR international	90002-016	Autoclave 36 g in 500 ml ddH <sub>2</sub> O and cool to 60°C
BBL Hemoglobin (chocolate agar)	VWR international	90000-662	Autoclave 10 g in 500 ml ddH <sub>2</sub> O, cool to 60°C and mix with the GC medium base above
BD BBL IsoVitaleX enrichment (chocolate agar)	VWR international	90000-414	Cool the mixture of GC medium base and hemoglobin to 55°C and add 10 ml of rehydrated IsoVitaleX, pour chocolate agar plates
Dissecting forceps, fine tip, curved	VWR international	82027-406	
Self-sealing sterilization pouches	VWR international	89140-802	
Gentamicin sulfate, 10 mg/ml	Lonza Inc.	17-519Z	Add 10 microliters/ml to EpiAirway MM for the gentamicin kill