

Materials List for:

Oral Bacterial Infection and Shedding in *Drosophila melanogaster*

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Materials

Name	Company	Catalog Number	Comments
Vials	Sarstedt Ltd.	58.490	Polystyrene flat base tube 75mm x 23.5mm, 23ml
Agar	Sigma-Aldrich	A7002	Agar, ash 2.0-4.5%
Brown sugar	Bidvest	66032	Light brown soft sugar
Maize	Dove's Farm		Organic maize flour
Fermipan yeast	Bidvest	96360	Dry, instant yeast
Methyl-4-hydroxybenzoate	Sigma-Aldrich	H5501	>=99.0%, crystalline
Sucrose	Sigma-Aldrich	84097	Sucrose BioUltra, for molecular biology, >=99.5% (HPLC)
Petri dishes	Fisher Scientific UK Ltd.	15788517	X600 Petri Dish 90 X 16.2MM Sterile Triple Vent
Falcon tubes (50ml)	Greiner Bio-one Inc	210261	Centrifuge tube, 50ml, skirted, bagged, sterile
Eppendorf tube (0.5ml)	Sarstedt Ltd.	72.699	Sarstedt Micro Tube Conical Base Push Cap 0.5ml Standard Neutral
Eppendorf tube (1.5ml)	Sarstedt Ltd.	72.690.001	Sarstedt Micro Tube Conical Base Push Cap 1.5ml Standard Neutral
Ethanol	VWR International Ltd.	20821.33	ETHANOL ABSOLUTE ANALAR NP ACS/R.PE - Analytical Grade
2 L Conical Flask	VWR International Ltd.	214-0038	Narrow neck, 2 L Erlenmeyer flask
Sterile filter paper	Fisher Scientific UK Ltd.	1001-020	Plain circle and sheets; Particle Retention: greater than 11µm; Filtration speed: 150 herzberg; Air flow: 10.5s/100mL/in ² ; Medium porosity; Smooth surface; Grade 1; Type: circle; Dia: 20mm
Bijou sample container	Fisher Scientific UK Ltd.	129A	7ml polystyrene sample container
Pseudomonas isolation agar	Sigma-Aldrich	17208	Contains agar 13.6 g/L, magnesium chloride 1.4 g/L, peptic digest of animal tissue 20g/L, potassium sulfate 10g/L, triclosan 0.025g/L
LB broth, Miller	Fisher Scientific UK Ltd.	BP1426	Contains 10g tryptone, 5g yeast extract, 10g sodium chloride per litre
Large Embryo Collection Cages	Scientific Laboratory Supplies Ltd.	59-101	Flystuff- fits 100mm petri dish
TRI reagent solution	Life Technologies	AM9738	
96-well microplate	Scientific Laboratory Supplies Ltd.	353072	Falcon 96 Well Clear Flat Bottom TC-Treated Polystyrene Cell Culture Microplate with Lid Sterile

Pestle	Fisher Scientific UK Ltd	12649595	Pestle, Presterilized; Axygen; Tissue grinder; Blue; Inert polypropylene construction; Fits 1.5 and 2.0mL centrifuge tubes; Individually wrapped; 100/Pk
Glycerol	Scientific Laboratory Supplies Ltd.	CHE2068	Glycerol A.R. 99.5% 2.5 L
Cotton wool- non absorbent	Cowens Ltd	ABL	Non Absorbent Large quantity 20 bags x 500
Cotton wool- absorbent	Cowens Ltd	ABS	BP small quantity 20 bags x 500
Vortex	Fisherbrand		Whirlimixer 75W 50-6-Hz 220-240V
Orbital incubator	Gallenkamp	INR-200-010V	220 V, 50 Hz, 5 A. Nominal temperature: 70°C. Shaking frequency: 0...400 rpm.
Absorbance Microplate Reader	Biotek Instruments Ltd		ELx808™ Absorbance Microplate Reader
Gen 5 Microplate Reader and Imager Software	Biotek Instruments Ltd		For Absorbance Microplate Reader
Centrifuge	Beckman Coulter	392304	Allegra X-12R Benchtop Centrifuge, reffridgerated 50Hz 230V
Step One Plus Real Time qPCR System	Thermofisher Scientific	4376600	Applied biosystems Step One Plus real time qPCR system
Step One Software 2.3	Thermofisher Scientific		For Stepone and SteponePlus real time qPCR systems
R Statistical Software	https://cran.r-project.org/		
10 µL pipette tips	Greiner Bio-one Inc	741015	Easilyload gilson-style. Graduated, clear, refill, 960 pcs
200 µL pipette tips	Greiner Bio-one Inc	741065	Easilyload gilson-style. Graduated, clear, refill, 960 pcs
1000 µL pipette tips	Greiner Bio-one Inc	741045	Easilyload gilson-style. Graduated, clear, refill, 960 pcs
20 µL filtered pipette tips	Greiner Bio-one Inc	774288	Filter tip gilson-style. Clear, rack blue, single packed, R/Dnase free, 10 racks of 96pcs
200 µL filtered pipette tips	Greiner Bio-one Inc	739288	Filter tip gilson-style. Clear, rack blue, single packed, R/Dnase free, 10 racks of 96pcs
1000 µL filtered pipette tips	Greiner Bio-one Inc	740288	Filter tip gilson-style. Clear, rack blue, single packed, R/Dnase free, 10 racks of 60pcs