

Materials List for:

# Use of a High-throughput *In Vitro* Microfluidic System to Develop Oral Multi-species Biofilms

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## Materials

Name	Company	Catalog Number	Comments
Falcon 50 ml Conical Centrifuge Tubes	Fisher Scientific	14-432-22	
Falcon 15 ml Conical Centrifuge Tubes	Fisher Scientific	14-959-49D	
Dithiothreitol (White Crystals or Powder/Electrophoresis), Fisher BioReagents	Fisher Scientific	BP172-5	
Sorval ultracentrifuge (SS-34 compatible)	Thermoscientific	Unit-dependent	
Thermo Scientific SS-34 Rotor	Thermoscientific	28-020	
Thermo Scientific Type 1 Reagent Grade Deionized Water	Thermo Scientific Inc	23-290-065	
Nalgene Rapid-Flow Filter Units and Bottle Top Filters, PES Membrane, Sterile.	VWR	73520-986	
Glycerol	Thermo Fisher Scientific Inc	NC0542269	
BioFlux microfluidic system	Fluxion	Bioflux 200 system	
Bioflux 24-channel plate	Fluxion	910-0004	
PBS (Gibco)	Thermo Fisher Scientific Inc	10010023	
LIVE/DEAD stain (Invitrogen)	Invitrogen	L7012	
Confocal Laser Scanning Microscope	Leica	SPE or equivalent system	
Epifluorescence Microscope	Multiple choices	Multiple choices	
Pyrosequencing facilities	Multiple choices	Multiple choices	
Decon SaniHol 70 Ethanol Solution	Fisher Scientific	04-355-122	
Ultra Low Temperature Freezer -80 °C	Multiple choices	Multiple choices	
Tips (20, 200, and 1,000 µl)	Multiple choices	Multiple choices	
Single Channel Variable Volume Pipettors (20, 200, 1,000 µl)	Multiple choices	Multiple choices	
<b>Software</b>			
Bioflux dedicated software	Bioflux		
Imaris	Bitplane		
Leica SPE	Leica		
ImageJ	Freeware ( <a href="http://imagej.nih.gov/ij/">http://imagej.nih.gov/ij/</a> )		
COMSTAT/COMSTAT 2	Freeware ( <a href="http://www.comstat.dk/">http://www.comstat.dk/</a> )		