

Materials List for:

Visualizing the Effects of Sputum on Biofilm Development Using a Chambered Coverglass Model

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Materials

| Name | Company | Catalog Number | Comments |
|--|---------------------------|----------------|---|
| Lab-Tek II Chambered coverglass, #1.5 borosilicate, 8-well | Thermo Sicher Scientific | 155409 | |
| Filmtracer Live/Dead Biofilm Viability Kit | Thermo Fisher Scientific | L10316 | |
| Blood agar plates | Thermo Fisher Scientific | R10215 | Confirming viability via CFU counts or selecting colonies for inoculation |
| COMSTAT | Available software online | | COMSTAT is software to analyze biofilm images. Available www.comstat.dk |
| Millers LB Broth | Thermo Fisher Scientific | 12780-052 | Standard media for overnight growth/biofilm growth |
| Millex-GV Syringe Filters | Millipore | SLGV013SL | Filtering of sputum supernants |
| Phosphate Buffered Saline (Dulbecco A) | Oxoid | BR0014G | Washing of biofilm chambers after media removal |
| Zeiss AxioVert 200M | Carl Zeiss | | |
| Hamamatsu C9100-13 EM-CCD | QS Technologies Inc. | | |
| Spectral Borealis | Qs Technologies Inc. | | |
| Perkin Elmer Volocity | QS Technologies Inc. | | Instructions for this software can be found at: http://cellularimaging.perkinelmer.com/pdfs/manuals/VolocityuserGuide.pdf |