

Materials List for:

Biofilm Removal Using Carbon Dioxide Aerosols without Nitrogen Purge

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Materials

Name	Company	Catalog Number	Comments
304 stainless steel	Steelni (South Korea)		Polished and diced ones
Ultrasonic cleaner	Branson (USA)	5510E-DTH	
Luria-Bertani (LB)	Becton, Dickinson and Company (USA)	244620	500 g
Agar	Becton, Dickinson and Company (USA)	214010	500 g
6-well culture plate	SPL Life Sciences (South Korea)	32006	
Ammonium acetate buffer	Sigma-Aldrich (USA)	667404	10 mM
Dual gas unit	Applied Surface Technologies (USA)	K6-10DG	One nozzle for CO ₂ gas & 8 nozzles for N ₂ gas
SYTO9	Thermo Fissher Scientific (USA)	Invitrogen	Excitaion: 480 nm Emission: 500 nm
Epifluorescence microscope	Nikon (Japan)	Eclipse 80i	
40X objective lens	Nikon (Japan)	Plan Fluor	NA: 0.75
CCD camera	Photometrics (USA)	Cool SNAP HQ2	Monochrome