

Materials List for:

In Situ Chemotaxis Assay to Examine Microbial Behavior in Aquatic Ecosystems

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Materials

Name	Company	Catalog Number	Comments
Acrylic glue	Evonik	1133	Acrifix 1S 0116
Acrylic sheet	McMaster-Carr	8505K725	Or different company
Adhesive tape	Scotch	3M 810	Scotch Magic tape
Autoclave	Systec	D-200	Or different company
Benchtop centrifuge	Fisher Scientific	75002451	Or different company
Bungee cord	Paracord Planet	667569184000	Or different company
Centrifuge tube - 2 mL	Sigma Aldrich	BR780546-500EA	Eppendorf tube
Conical centrifuge tube - 15 mL	Fisher Scientific	11507411	Falcon tube
Conical centrifuge tube - 50 mL	Fisher Scientific	10788561	Falcon tube
Deployment arm	Irwin	1964719	Or different company
Deployment enclosure plug	Fisher Scientific	21-236-4	See alternatives in manuscript
Disposable wipers	Kimtech - Fisher Scientific	06-666	Kimwipes
Flow cytometer	Beckman	C09756	CYTOFlex
Glutaraldehyde 25%	Sigma Aldrich	G5882	Or different company
Green fluorescent dye	Sigma Aldrich	S9430	SYBR Green I - 1:10,000 final dilution
Hydrophilic GP filter cartridge - 0.2 µm	Merck	C3235	Sterivex filter
In Situ Chemotaxis Assay (ISCA)	-	-	Contact corresponding authors
Laser cutter	Epilog Laser	Fusion pro 32	Or different company
Luria Bertani Broth	Sigma Aldrich	L3022	Or different company
Marine Broth 2216	VWR	90004-006	Difco
Nylon slotted flat head screws	McMaster-Carr	92929A243	M 2 × 4 × 8 mm
Pipette set	Fisher Scientific	05-403-151	Or different company
Pipette tips - 1 mL	Fisher Scientific	21-236-2A	Or different company
Pipette tips - 20 µL	Fisher Scientific	21-236-4	Or different company
Pipette tips - 200 µL	Fisher Scientific	21-236-1	Or different company
Sea salt	Sigma Aldrich	S9883	For artificial seawater
Serological pipette - 50 mL	Sigma Aldrich	SIAL1490-100EA	Or different company
Syringe filter - 0.02 µm	Whatman	WHA68091002	Anatop filter
Syringe filter - 0.2 µm	Fisher Scientific	10695211	Or different company
Syringe needle 27G	Henke Sass Wolf	4710004020	0.4 × 12 mm
Syringes - 1 mL	Codau	329650	Insulin Luer U-100

Syringes - 10 mL	BD	303134	Or different company
Syringes - 50 mL	BD	15899152	Or different company
Tube rack - 15 mL	Thomas Scientific	1159V80	Or different company
Tube rack - 50 mL	Thomas Scientific	1159V80	Or different company
Uncoated High-Speed Steel General Purpose Tap	McMaster-Carr	8305A77	Or different company
Vacuum filter - 0.2 μ m	Merck	SCGPS05RE	Steritop filter