

Materials List for:

# Inducing Complete Polyp Regeneration from the Aboral Physa of the Starlet Sea Anemone *Nematostella vectensis*

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## Materials

Name	Company	Catalog Number	Comments
<i>Nematostella vectensis</i> , adults	Marine Biological Lab (MBL)		non-profit supplier
Glass Culture Dish, 250 mL	Carolina Biological Supply	741004	250 mL
Glass Culture Dish, 1,500 mL	Carolina Biological Supply	741006	1,500 mL
Polyethylene transfer pipette, 5 mL	USA Scientific	1022-2500	narrow bore, graduated
Polyethylene transfer pipet, tapered	Samco	202-205	cut off 1 inch of tip to make wide bore
Disposable Scalpel	Feather Safety Razor Co. Ltd	no. 10	blade should be curved
#5 Dumont Fine point tweezers	Roboz	RS5045	alternative suppliers available
Pyrex Petri dish, 100 mm diameter	Corning	3160	can substitute other glass Petri plates
Sterile 6-well plate	Corning Falcon	353046	or similar from other manufacturer
Sterile 12-well plate	Nunc	150628	or similar from other manufacturer
Sterile 24-well plate	Cellstar, Greiner bio-one	662-160	or similar from other manufacturer
Brine shrimp hatching kit	San Francisco Bay; drsfostersmith.com	CD-154005	option for growing brine shrimp
pyrex baking dish	common in grocery stores		option for growing brine shrimp
artificial seawater mix 50 gal or more	Instant Ocean; drsfoster-smith.com	CD-116528	others brands may suffice
Plastic tub for stock ASW preparation	various		common 25 gallon plastic trash can OK
Polypropylene Carboy	Carolina Biological Supply	716391	For working stock of ASW @ 12 ppt
Beaker, Graduated, 4,000 mL	PhytoTechnology Laboratories	B199	For dilution of 36 ppt ASW to 12 ppt
Stereomicroscope and light source	various		with continuous 1 - 40X magnification