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Preparing DNA samples from mixed sand prior to extraction

 In 1 collection

1 Works for me

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- 1 Add 20 mL MilliQ water to pot
 - 2 Remove plant, if any. Transfer to square petri dish.
 - 3 Push a 50mL Falcon into the sand up to the 35 mL mark.
 - 4 Tilt pot to a horizontal position and remove the falcon tube, retaining as much sand as possible.
-  Rotating the tube while removing it may help
- 5 Cap and wipe down the tube exterior using a paper towel with 70% EtOH before labelling with pot ID.
 - 6 Fill tube with sand to the 40mL mark with MilliQ water
 - 7 Vortex for 30 seconds
 - 8 Pour through Miracloth into new 50ml tube. Discard the old tube.
 - 9 Top up tube to 40 ml total volume with ultrapure water.
 - 10 Centrifuge tube at 5000 x G for 5 minute.
 - 11 Pour away supernatant.

12 Add 1ml water and vortex to resuspend.

13 Transfer to 1.5ml tube for extraction or storage. Dispose of the 50ml tube.



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