

Title

Better late than never: optimising the proteomic analysis of field-collected octopus

Authors

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S1 Table. Recipe for homemade RNA*later* and RIPA buffer.

Chemical Solution	Ingredient List & Quantity
RNA<i>later</i>	<ul style="list-style-type: none">• 935 ml of nuclease-free and protease-free water (Acros Organics)• 1.4 kg of ammonium sulfate dihydrate (Univar Solutions)• 40 ml of 0.5 M Ultrapure EDTA, pH 8 (ThermoFisher)• 25 ml of 1 M sodium citrate (Chem-Supply) <p>Combine the above ingredients and stir on low heat until the ammonium sulfate has dissolved. Allow it to cool. Adjust the pH of the solution to 5.2 by using 1 M sulfuric acid (Sigma Aldrich). Store at room temperature or in the fridge.</p>
RIPA Buffer	<ul style="list-style-type: none">• 150 mM NaCl (Merck)• 1% Igepal (Sigma Aldrich)• 0.5% sodium deoxycholate (Sigma Aldrich)• 0.2% SDS (GE Healthcare)• 50 mM Tris pH 8 (Astral Scientific)• Protease inhibitor cocktail 1/100 (Sigma Aldrich)• 20 mM dithiothreitol (Roche) <p>Combine all above ingredients (except for protease inhibitor) and mix well. Store at -20°C. Just before using the buffer, add the protease inhibitor to the solution.</p>