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JM SW modified medium

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Roscoff Culture Collection¹

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Roscoff Culture Collection



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Protocol status: Working

We use this protocol and it's working

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Abstract

Medium used for Cryptophytes

Adapted from CCAP web site: <http://www.ife.ac.uk/ccap/MediaRecipes2.html#jm>

Materials

MATERIALS

 Red Sea Salt **Red Sea**

Before start

Please refer to our general recommendations to grow cultures :

<https://www.protocols.io/private/A48906DC1374AD6281495CB86A8F092F>

1 Change from standard JM medium

	Volume for 1 litre	Component	Concentration Stock Solutions		
	1 ml	KH ₂ PO ₄	KH ₂ PO ₄	2.48 gr	200 ml
	1 ml	CaCl ₂	CaCl ₂ .2H ₂ O	0.5 gr	200 ml
	2 ml	NaNO ₃	NaNO ₃	16 gr	200 ml
	1 ml	MgSO ₄	MgSO ₄ .7H ₂ O	10 gr	200 ml
	1 ml	NaHCO ₃	NaHCO ₃	3.18 gr	200 ml
	1 ml	Na ₂ EDTA.FeCl ₃	From K media		
	0.66 ml	H ₃ B03	H ₃ B03	0.49 6 gr	200 ml
	0.66 ml	MnCl ₂	MnCl ₂ .4H ₂ O	0.27 8 gr	200 ml
	0.66 ml	NH ₄ 6Mo7024	NH ₄ 6Mo7024.4H ₂ O	0.20 gr	200 ml
	1 ml	Na ₂ HPO ₄	Na ₂ HPO ₄ .12H ₂ O	7.2 gr	200 ml
	100 µl	Vitamines			
	990 ml	SW sterile			