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Version 2

MBM Vitamin Supplement V.2

DOI

<https://dx.doi.org/10.17504/protocols.io.5jyl8wq9l2wp/v2>



Christa Smith¹

¹University of Georgia



Christa Smith

University of Georgia

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Protocol status: Working

We use this protocol and it's working

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Abstract

Fixed a typo in version 1 regarding total volume

Guidelines

Glassware should be acid-washed and rinsed well with dH₂O before use. If unable to measure small quantities accurately, either scale up the recipe or prepare stock solutions of the individual compounds.



- 1 Measure some amount <100 mL dH₂O into a bottle.
- 2 Dissolve 2 mg biotin into the bottle.
- 3 Dissolve 2 mg folic acid into the bottle.
- 4 Dissolve 10 mg pyridoxine-HCl into the bottle.
- 5 Dissolve 5 mg riboflavin into the bottle.
- 6 Dissolve 5 mg thiamine into the bottle.
- 7 Dissolve 5 mg nicotinic acid into the bottle.
- 8 Dissolve 5 mg pantothenic acid into the bottle.
- 9 Dissolve 0.1 mg cyanocobalamin into the bottle.
- 10 Dissolve 5 mg *p*-aminobenzoic acid into the bottle.
- 11 Bring final volume to 100 ml with dH₂O.
- 12 Filter sterilize final vitamin solution through a 0.2 micron PES membrane.



13 Store frozen in 1 mL aliquots.