

M9 Salts

Dr. Steven Wilhelm

Abstract

Please contact Dr. Steven Wilhelm (wilhelm@utk.edu) for more information regarding this protocol.

Modified from Pardee, A. B., F. Jacob, and J. Monod. 1959. The genetic control and cytoplasmic expression of "inducibility" in the synthesis of β -galactosidase in *E. coli*. *J. Mol. Biol.* 1:165-178

Citation: Dr. Steven Wilhelm M9 Salts. **protocols.io**

dx.doi.org/10.17504/protocols.io.ibwcape

Published: 06 Jun 2017

Protocol

Step 1.

Add 1 L dH₂O to a clean media bottle

Step 2.

Add 64 g Na₂HPO₄·7H₂O



REAGENTS



Disodium hydrogen phosphate by Contributed by users

Step 3.

Add 15 g KH₂PO₄



REAGENTS



Potassium phosphate (monobasic) [View](#) by [P212121](#)

Step 4.

Add 2.5 g NaCl



REAGENTS



Sodium Chloride [PubChem CID: 5234](#) by Contributed by users

Step 5.

Add 5 g NH₄Cl



REAGENTS



Ammonium Chloride [View](#) by [P212121](#)

Step 6.

Autoclave at 121°C for 20 m