

Materials List for:

***In Vitro* Assay to Measure Phosphatidylethanolamine Methyltransferase Activity**

Rachel Zufferey¹

¹Department of Biological Sciences, St John's University

Correspondence to: Rachel Zufferey at zufferer@stjohns.edu

URL: <https://www.jove.com/video/53302>

DOI: [doi:10.3791/53302](https://doi.org/10.3791/53302)

Materials

Name	Company	Catalog Number	Comments
S-[Methyl- ³ H]adenosyl-L-methionine (specific activity of 5-15 Ci/mMole)	Perkin Elmer	NET155050UC	Aliquot the reagent and freeze at -20 °C; follow radiation safety guidelines while using this reagent
Protease inhibitor cocktail	Roche Life Sciences	11836170001	dilute it fresh
Glass beads, acid washed, 425-600 mm	Sigma Aldrich	G8772	
Bicinchoninic acid solution	Sigma Aldrich	B9643	
Copper (II) sulfate	Sigma Aldrich	C2284	
Scintillation counter MicroBeta2 with 1-detector	Perkin Elmer	2450-0010	
Spectrophotometer Biomate 3	Thermo Scientific	840208300	
BSA stock solution (10 mg/ml)	New England Biolabs	B9001S	
Scintillation liquid	Research Product International Corp	111198	
S-(5'-Adenosyl)-L-methionine chloride (hydrochloride)	Cayman Chemicals	13956	dilute the reagent in 20 mM HCl and freeze aliquots at -80 °C