

Supplementary material:

Table 1: Purification of Cardiolipin Synthase from *Mycobacterium phlei*

Source of enzyme from <i>M.phlei</i>	Protein concentration(µg/ml)	Enzyme activity Cls PG pathway µg of CL phosphorous/ml/ minute	Enzyme activity Cls CDP-diacylglycerol pathway µg of CL phosphorous/ml/ minute	Specific activity Cls PG pathway µg of CL phosphorous/mg/ minute	Specific activity Cls CDP-diacylglycerol pathway µg of CL phosphorous/mg/ minute	Km (µM) PG	Km (µM) CDP-diacylglycerol
Membrane Fraction solubilized with 2M Urea	29	4.5+0.25	6.5+0.25	16.7+0.5	26.7+0.5	56+0.5	2.65+0.05
30% (NH ₄) ₂ SO ₄ fraction	18	4.95+0.55	7.5+0.35	41.2+1.45	60.6+2.25	55.5+0.25	2.6+0.05
Sephacryl S-200	6.5	10.4+0.25	12.5+0.45	189.4+3.25	249.4+4.25	56+0.5	2.6+0.03
HPLC-GPC TSK-3000SW	1.8	11+0.35	13+0.45	216.21+0.95	286.1+1.05	55+0.05	2.56+0.04
C-18 RP-HPLC	1.6	11.5+0.15	14+0.35	293.21+1.95	350+1.95	55+0.05	2.56+0.04

Values are the mean+ SD from three determinations