Defined Minimal Media for *D. radiodurans* (Dr. D.Ghosal)

Final concentration		**Stock**	**Final volume 250ml**	
	H_2O		191.25 ml	
20mM	Phosphate buffer (pH 8.0)	5xM9, sterile (no NaCl)	50 ml	
15mM	Ammonium Sulfate			
From sterile stocks:				
2.5µM	$MnCl_2$ (Sigma)	5mM=1000x	250 µl	
0.8mM	$MgCl_2$ (Sigma)	0.8M=1000x	250 µl	
0.18mM	$CaCl_2$ (Sigma)	0.18M=1000x	250 µl	
0.4 %	Fructose (Sigma)	20%	5 ml	
Fresh filtred:				
1x	Vitamins Mix (Sigma)	100x	2.5 ml	
Fresh prepared and filtred:				
50 mg/L	L-Cys 100 mg (Sigma)	Dissolve in 4ml DMM or water	500 µl	
25 mg/L	L-His 50 mg (Sigma)			
25 mg/L	L-Met 50 mg (Sigma)			
5xM9, no NaCl added (for *D. radiodurans*): Na_2HPO_4 (Fisher Biotech) - 30 g/L KH_2PO_4 (Fisher Biotech) - 15 g/L $(NH_4)_2SO_4$ (Sigma) - 9.9 g/L				