

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

Final concentration		Stock	Final volume 250 ml
	H ₂ O		191.25 ml
20mM	Phosphate buffer	5xM9, sterile (no NaCl)	50 ml
15mM	Ammonium Sulfate		
From sterile stocks:			
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 filtered:			
1x = 10mg/ml	Vitamins Mix	100x	2.5 ml
Fresh prepared and filtered:			
50mg/L	L-Cys 1g	Dissolve in 40 ml DMM or water	500 μl
25mg/L	L-His 0.5g		
25mg/L	L-Met 0.5g		
5xM9, no NaCl added (for <i>D. radiodurans</i>):			
Na ₂ HPO ₄ (Fisher Biotech) - 30g/L			
KH ₂ PO ₄ (Fisher Biotech) - 15g/L			
(NH ₄) ₂ SO ₄ (Sigma) - 9.9g/L			