
Protocol Section:	Media	Policy No:	P-CMMR5-PBS-00
Protocol Subject:	Modified Dulbecco's Phosphate Buffered Saline	Effective Date:	
		Date Reviewed:	6 January 2003
		Date Revised:	

Modified Dulbecco's Phosphate Buffered Saline

CHEMICAL	mg/100ml	mg/50ml
NaCl	800	400
KCl	20	10
KH ₂ PO ₄	20	10
MgCl ₂ .6H ₂ O	10	5
Dextrose	100	50
Na ₂ HPO ₄	115	57.5
Sodium pyruvate	4.0	2.0
Penicillin G	8.0	4.0
Streptomycin sulfate	5.0	2.5
BSA	240	120
Phenol Red	0.1ml	0.05ml

1. Dissolve 10mg **CaCl₂** (anhydrous) or 13.3 mg **CaCl₂.H₂O** in 10-20 ml of culture grade water
2. Add the dissolved CaCl₂ to the above ingredients and bring the total volume up to 100ml.
3. Sterilize the solutions by filtration 0.22µm pore size
4. Osmolality should be close to 290 mOsm

Issued by Lab Manager: _____ **Date:** _____

Approved by Facility Management: _____ **Date:** _____