VERSION 7
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Protocol status: Working
We use this protocol and it's working

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26342

🌐 Make potassium orthophosphate solution V.7

Gurdon Institute media kitchen¹

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MATERIALS

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⚗ Potassium Dihydrogen Orthophosphate Certified AR for Analysis Fisher Chemical
Fisher Scientific Catalog # P/4800/53

⚗ Di-Potassium Hydrogen Orthophosphate Anhydrous Extra Pure SLR Fisher
Chemical Fisher Scientific Catalog #P/5240/53

1

potorthosphates1or2L.xls

2

Solution	Potassium Orthophosphates				
Strength	0.17M & 0.72	pH:		Batch size	1.2L
Date of preparation					
Ingredients	Quantity	Added (tick)	Manufacturer	/Batch No.	
KH ₂ PO ₄ (potassium dihydrogen orthophosphate)	27.7g				
K ₂ HPO ₄ (dipotassium hydrogen orthophosphate)	150.5g				
Double distilled H ₂ O	up to 1.2L				

3

Solution	Potassium Orthophosphates				
Strength	0.17M & 0.72	pH:		Batch size	1.2L
Ingredients			Quantity		
KH ₂ PO ₄ (potassium dihydrogen orthophosphate)		27.7g			

	K ₂ HPO ₄ (dipotassium hydrogen orthophosphate)		150.5g			
	Double distilled H ₂ O		up to 1.2L			
	Method					
1	Using a 2L measuring cylinder add 500ml of double distilled H ₂ O.					
2	Dissolve solutes and make up to final volume with double distilled H ₂ O					
3	Dispense into 12 x 100ml bottles.					
4	Label, date and autoclave.					