

Jul 27, 2019

Version 6

Make potassium orthophosphate solution V.6

DOI

<https://dx.doi.org/10.17504/protocols.io.5xhg7j6>

Gurdon Institute media kitchen¹

¹Wellcome Trust / Cancer Research UK Gurdon Institute



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Protocol status: Working

We use this protocol and it's working

Created: July 27, 2019

Last Modified: July 27, 2019

Protocol Integer ID: 26313

Keywords: potassium orthophosphate solution

Materials

MATERIALS



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



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				
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	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 × 100ml bottles.				
	4	Label, date and autoclave.				