

Jul 29, 2019 Version 7

Make potassium orthophosphate solution V.7

DOI

dx.doi.org/10.17504/protocols.io.5yeg7te

Gurdon Institute media kitchen¹

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DOI: dx.doi.org/10.17504/protocols.io.5yeg7te

Protocol Citation: Gurdon Institute media kitchen 2019. Make potassium orthophosphate solution. **protocols.io**
<https://dx.doi.org/10.17504/protocols.io.5yeg7te>

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Protocol status: Working

We use this protocol and it's working


Created: July 29, 2019


Last Modified: July 29, 2019

Protocol Integer ID: 26342

Materials

MATERIALS

 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



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potorthosphates1or2L.xls

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	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				

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