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## Make LB agar medium V.1

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Gurdon Institute mediak<sup>1</sup>

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**Protocol status:** Working

**We use this protocol and it's working**

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## Abstract

Make LB agar medium.

1

 LBMixAndAgar5L.xls

2

Solution	LB (ready mix) + Agar				
Strength		pH:	7.0	Batch size	5L
Ingredients			Quantity		
LB mix			125g		
NaOH 10M			few drops		
Distilled H2O			up to 5L		
Agar	per 1L bottle		14g		
	per 500ml bottle		7g		
Method					
1	In the fume cupboard, add the LB mix to 2L distilled H2O in a bell jar				
2	Transfer the bell jar to a magnetic stirrer on the bench				
3	Add distilled H2O to approx. 4L mark using a jug				
4	Allow the solutes to dissolve then adjust pH to 7.0 using 10M NaOH				
5	Adjust final volume to 5L using distilled H2O				
6	Aliquot (using a pump), label & date				
7	Dispense 14g agar and a magnetic flea to each 1L bottle (OR 7g agar and a magnetic flea to each 500ml bottle)				

8	Autoclave				