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Make LB agar plates to grown bacteria without antibiotic selection.

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Cancer Research UK / Wellcome Gurdon Institute media kitchen¹

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Protocol status: Working

We use this protocol and it's working

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Abstract

Make LB agar plates to grown bacteria without antibiotic selection.

Materials


MATERIALS

 SYCHEM autoclave **Syschem**

 LB agar


 90mm Petri dishes

Safety warnings

 Make sure you know how to use the autoclave before starting this protocol.



1

 LB plates.xls

2

Ingredients	Quantity	
LB Agar		1L
Petri dishes	90mm	30
	140mm	10

3

Melt LB Agar in autoclave (media melt cycle).
Allow the medium to cool to ~60oC in the water bath. Mix on a magnetic stirrer (to prevent air bubbles). Transfer to the laminar flow hood to pour the plates.
Pour plates directly from the bottle. Allow 30-35ml/90mm dish. To remove bubbles from the plate flame the surface of the plate with a bunsen burner before the agar sets.
Label: LB plates have NO stripe. Invert and store @ 4oC. Storage life: ~2 week
Lab coats must be worn.