JUN 03, 2019

OPEN ACCESS

DOI:
dx.doi.org/10.17504/protocols.io.3nvgme6

Protocol Citation: Cancer Research UK / Wellcome Gurdon Institute media kitchen 2019. Make LB agar plates to grown bacteria without antibiotic selection.. **protocols.io**
<https://dx.doi.org/10.17504/protocols.io.3nvgme6>

License: This is an open access protocol distributed under the terms of the [Creative Commons Attribution License](#), which permits unrestricted use, distribution, and reproduction in any medium, provided the original author and source are credited

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

Created: Jun 03, 2019

Last Modified: Jun 03, 2019

PROTOCOL integer ID:
 23989

Make LB agar plates to grown bacteria without antibiotic selection.

Cancer Research UK / Wellcome Gurdon Institute media kitchen¹

¹Cancer Research UK / Wellcome Gurdon Institute

Cristian Riccio
 University of Cambridge

ABSTRACT

Make LB agar plates to grown bacteria without antibiotic selection.

MATERIALS

MATERIALS

- SYCHEM autoclave Syschem
- LB agar Contributed by users
- 90mm Petri dishes Contributed by users

SAFETY WARNINGS

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

1

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.