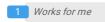




## Alba Balletbó<sup>1</sup>

**SOC Medium** 

<sup>1</sup>Wageningen University



dx.doi.org/10.17504/protocols.io.7juhknw



🔔 Alba Balletbó 🕖

## **GUIDELINES**

Mixture must be autoclaved before use.

## MATERIALS

NAME ~	CATALOG #	VENDOR ~
Magnesium Sulfate (MgSO4) Solution - 6.0 ml	B1003S	New England Biolabs
Distilled Water		
KCI		
MgCl2		
NaCl	53014	Sigma Aldrich
Tryptone	BP1421-500	Fisher Scientific
Glucose	G8270	Sigma Aldrich
Yeast Extract	211930	Thermo Fisher

Add SOC medium components in a 1 L autoclavable. SOC medium components (1 L):

Tryptone	2% w/v
Yeast Extract	0.5% w/v
NaCl	10 mM
KCI	2.5 mM
MgCl2 · 6H2O	10 mM
MgSO4 · 6H2O	10 mM
Glucose	20 mM

- Add 1 L of distilled water into the bottle.
- Vigorously shake the bottle.

4 Place the bottle into the autoclave and sterilize.

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