SEP 22, 2019

🌐 SOC Medium

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iGEM Wageningen 2019

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GUIDELINES

Mixture must be autoclaved before use.

MATERIALS

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☒ Magnesium Sulfate (MgSO₄) Solution - 6.0 ml **New England Biolabs Catalog #B1003S**

☒ Distilled Water **Contributed by users**

☒ KCl **Contributed by users**

☒ MgCl₂ **Contributed by users**

☒ NaCl **Sigma Aldrich Catalog #53014**

☒ Tryptone **Fisher Scientific Catalog #BP1421-500**

☒ Glucose **Sigma Aldrich Catalog #G8270**

☒ Yeast Extract **Thermo Fisher Catalog #211930**

OPEN ACCESS

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

Created: Sep 22, 2019

Last Modified: Sep 22, 2019

PROTOCOL integer ID:
 27988

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

Tryptone	2% w/v
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Yeast Extract	0.5% w/v
NaCl	10 mM
KCl	2.5 mM
MgCl ₂ · 6H ₂ O	10 mM
MgSO ₄ · 6H ₂ O	10 mM
Glucose	20 mM

- 2 Add 1 L of distilled water into the bottle.
- 3 Vigorously shake the bottle.
- 4 Place the bottle into the autoclave and sterilize.