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Mycology media

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1 WA+C agar

Water agar + chloramphenicol (氯黴素 kill bacteria): As an environmental isolating media

A	B
Component	**Amount**
Agar	20g
Chloramphenicol	0.05g
DI water	1000 ml

chloramphenicol is autoclavable

2 PDA+C agar

potato dextrose agar + chloramphenicol (氯黴素 kill bacteria): Use when WA+C agar is not working

A	B
Component	**Amount**
PDA	per instruction on label
Chloramphenicol	0.05g
DI water	1000 ml

3 **Emerson YpSs Agar**: For chytrids

A	B
Component	**Amount**
Yeast extract	4g
Soluble Starch	15g
K2HPO4	1g
MgSO4 x 7H2O	0.5g
Agar	20g
DI water	1000ml

Adujust pH to 7.0 +/- 0.2. Autoclave at 121ºC.

4 **10% Unclarified V8 Agar**

1. Combine 100 ml V8 juice and 900 ml of distilled water.
2. Add 1g $CaCO_3$and 0.05 g b-sitosterol and mix well. Leave stir bar in the flask for later mixing.
3. Add 15g of agar.
4. Autoclave at 15 psi for 20 minutes.
5. Stir medium while dispensing to insure good mixing of $CaCO_3$.

20% : 200 ml V8, 800ml d. water, 2g $CaCO_3$, and 0.05g b-sitosterol.

15% : 150 ml V8, 850 ml d. water, 1.5g $CaCO_3$, and 0.05g b-sitosterol.

Reference: Miller, P. M. 1955. V-8 juice agar as a general purpose medium for fungi and bacteria. Phytopathology 45:461-462.

5 **SceSel+ medium** (Kaltseis et al.,2009)

For isolation of Scedosporium

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A	B
Component	**Amount**
Malt extract	6.25 g
maltose	6.25 g
KH2PO4	1.25 g
yeast extract	1 g
Magnesium Sulfate Heptahydrate	0.625 g
soy peptone	0.625 g
chloramphenicol	0.1 g
ciprofloxacin	0.1 g
streptomycin sulfate	0.1 g
dichloran	2 mg
benomyl	6 mg
DI water	1000ml

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