

5-FOA Plates

2-Amino-5-fluorobenzoic acid Sigma 367982
10% Stock in EtOH = 1g/10mL EtOH

1L Plates

10g Succinic Acid
6g Sodium Hydroxide
5g Ammonium Sulfate
1.7g YNB w/o AA/AS

750mL H₂O
626uL TRP (100x Stock, 5mg/L final)
1.304g Sc-trp drop-out powder

Stir till all powder dissolved
Add 20g Agar

Autoclave

Add
250mL Glucose (20% Stock, 5% final)
5mL 5-FAA (10% Stock, 0.05% final) (add when cool enough to touch)

Stir well and pour plates

Test with FOA testers and our standard tester plate
TRP+ strains will be dead, trp- strains will live

Note: 1/2X TRP, 5mg/L final, refers to 1/2 the amount of trip used by the Hollis paper.
Use 5% Glucose (final) instead of our normal 2% Glucose (final).

Be sure to add the glucose after autoclaving the media because there is an important interaction which occurs between glucose and trp which is altered if the glucose is mixed with the media before the autoclave step