

5-Fluoroanthranilic acid counterselective media/selection (for TRP1 counterselection)

Media Recipe:

Ammonium sulfate	5 g/L
Yeast nitrogen base w/o aa/as	1.45 g/L
Glucose	20 g/L
Bacto-Agar	20 g/L

Autoclave nitrogen source, sugar, and agar in separate containers for 30 min

Combine autoclaved liquids; add:

C powder	1.4 g/L
5-Fluoroanthranilic acid	0.5 g/L
100x Tryptophan	10 mL/L

1 L of media makes approximately 40 plates.

Selection:

Strains may be streaked or replica plated onto FAA plates. Streak-out plates should be scored after 2-3 days of incubation at 30°. Replica plates can be scored after 1-2 days of incubation at 30°. After several days, there will be some growth of Trp⁺ strains due to mutations.