

M–Allen + Glucose

To 100 mL M–Allen medium add 0.5–1 g glucose.

M–Allen

$(\text{NH}_4)_2\text{SO}_4$	262 mg
KH_2PO_4	54 mg
$\text{MgSO}_4 \cdot 7\text{H}_2\text{O}$	50 mg
$\text{CaCl}_2 \cdot 2\text{H}_2\text{O}$	14 mg
A2 trace element stock solution	0.2 mL
Distilled water	99.4 mL
pH 2.5 ¹⁾	

After autoclaving, add 0.4 mL of A2 Fe stock solution (filter-sterilized).

1) pH is adjusted to 2.5 with 0.5 mol/L H_2SO_4 .
Indicated as “MA” medium in reference.

A2 trace element stock solution

H_3BO_3	285 mg
$\text{MnCl}_2 \cdot 4\text{H}_2\text{O}$	180 mg
ZnCl_2	10.5 mg
$\text{Na}_2\text{MoO}_4 \cdot 2\text{H}_2\text{O}$	39 mg
$\text{CoCl}_2 \cdot 6\text{H}_2\text{O}$	4 mg
$\text{CuCl}_2 \cdot 2\text{H}_2\text{O}$	4.3 mg
Distilled water	100 mL

A2 Fe stock solution

$\text{EDTA} \cdot 2\text{Na}$	700 mg
$\text{FeCl}_3 \cdot 6\text{H}_2\text{O}$	400 mg
Distilled water	100 mL

Sterilize by passing through a Millipore filter (0.22 μm).