

ATCC medium: 1562 Standard agar with methanol and yeast extract

Yeast extract.....0.5 g
Agar (if necessary).....20.0 g
Distilled water.....982.0 ml

Autoclave at 121C for 15 minutes. Cool to 50C and add aseptically the following sterilized solutions:

Solution A (see below).....1.0 ml
Solution B (see below).....5.0 ml
Solution C (see below).....1.0 ml
Solution D (see below).....1.0 ml
Methanol, filter-sterilized.....10.0 ml

Adjust pH aseptically, if necessary, to 4.0-4.5.

Solution A:

KH_2PO_4 68.05 g
 K_2HPO_4 87.09 g
Distilled water.....1.0 L

Solution B:

NH_4Cl 152.28 g
Distilled water.....1.0 L

Solution C:

$\text{CaCl}_2 \cdot 6\text{H}_2\text{O}$ 5.47 g
Distilled water.....1.0 L

Solution D:

$\text{MgSO}_4 \cdot 7\text{H}_2\text{O}$ 71.2 g
 $\text{ZnSO}_4 \cdot 7\text{H}_2\text{O}$ 0.44 g
 $\text{MnSO}_4 \cdot 4\text{H}_2\text{O}$ 0.812 g
 $\text{CuSO}_4 \cdot 5\text{H}_2\text{O}$ 0.785 g
 $\text{Na}_2\text{MoO}_4 \cdot 2\text{H}_2\text{O}$ 0.252 g
 $\text{FeSO}_4 \cdot 7\text{H}_2\text{O}$ 4.98 g
Distilled water to.....1.0 L