

**ATCC medium: 1200 Defined glucose medium EMSY-1**

Na <sub>2</sub> HPO <sub>4</sub> .....	1.79 g
KH <sub>2</sub> PO <sub>4</sub> .....	1.7 g
NH <sub>4</sub> Cl .....	0.43 g
MgSO <sub>4</sub> . 7H <sub>2</sub> O .....	0.41 g
Citric acid.....	0.5 g
CaCl <sub>2</sub> . 2H <sub>2</sub> O .....	0.04 g
NaCl.....	0.03 g
FeCl <sub>3</sub> . 6H <sub>2</sub> O .....	4.84 mg
TK6-3 Solution (see below).....	1.0 ml
Glucose Solution (see below).....	100.0 ml
Yeast Extract Solution (see below).....	100.0 ml
Distilled water.....	800.0 ml

Combine all ingredients except glucose and yeast extract solutions. Adjust pH to 7.2. Autoclave at 121C for 15 minutes. Remove from autoclave and cool immediately. Aseptically add filter-sterilized glucose and yeast extract solutions.

*TK6-3 Solution:*

ZnSO <sub>4</sub> . 7H <sub>2</sub> O .....	1.45 g
MnSO <sub>4</sub> . H <sub>2</sub> O .....	0.31 g
Na <sub>2</sub> MoO <sub>4</sub> . 2H <sub>2</sub> O.....	0.17 g
H <sub>3</sub> BO <sub>3</sub> .....	0.19 g
KI.....	0.04 g
CuSO <sub>4</sub> . 5H <sub>2</sub> O .....	0.76 g
1 N H <sub>2</sub> SO <sub>4</sub> .....	1.0 ml
Distilled water.....	1.0 L

*Glucose Solution:*

Glucose.....	10.0 g
Distilled water.....	100.0 ml

Filter-sterilize.

*Yeast Extract Solution:*

Yeast extract.....	0.4 g
Distilled water.....	100.0 ml

Filter-sterilize.