

## 40: JM

This recipe contains strain-specific modifications for *Dermamoeba algensis* CCAP1524/1 \*

Final volume: 1000 ml

### **Mail sol. C<sub>40</sub>**

Ca(NO <sub>3</sub> ) <sub>2</sub> × 4 H <sub>2</sub> O (4.0 g/200 ml stock solution)	1.00	ml
KH <sub>2</sub> PO <sub>4</sub> (2.48 g/200 ml stock solution)	1.00	ml
MgSO <sub>4</sub> × 7 H <sub>2</sub> O (10.0 g/200 ml stock solution)	1.00	ml
NaHCO <sub>3</sub> (3.18 g/200 ml stock solution)	1.00	ml
<b>Solution 1</b>	1.00	ml
<b>Solution 2</b>	1.00	ml
<b>Solution 3</b>	1.00	ml
NaNO <sub>3</sub> (16.0 g/200 ml stock solution)	1.00	ml
Na <sub>2</sub> HPO <sub>4</sub> × 12 H <sub>2</sub> O (7.2 g/200 ml stock solution)	1.00	ml
Deionized water	1000.00	ml
Agar, for solid medium	15.00	g

Make up to 1 litre with deionized water. For agar, add 15.0 g per litre of Bacteriological Agar (Thermo Scientific™ Oxoid™ Agar No.1). Autoclave at 15 psi for 15 minutes.

\* plus *Tribonema* sp. as food; 20 °C; shaded light

### **Solution 1**

FeNa-EDTA	0.45	g
Na <sub>2</sub> -EDTA	0.45	g

### **Solution 2**

H <sub>3</sub> BO <sub>3</sub>	0.496	g
MnCl <sub>2</sub> × 4 H <sub>2</sub> O	0.278	g
(NH <sub>4</sub> ) <sub>6</sub> Mo <sub>7</sub> O <sub>24</sub> × 4 H <sub>2</sub> O	0.200	g

### **Solution 3**

Cyanocobalamine	0.008	g
Thiamine HCl	0.008	g
Biotine	0.008	g