

## 1374. IGNAVIBACTERIA MEDIUM

### Solution A:

NaCl	1.00	g
MgCl <sub>2</sub> x 6 H <sub>2</sub> O	0.40	g
KCl	0.50	g
CaCl <sub>2</sub> x 2 H <sub>2</sub> O	0.10	g
NH <sub>4</sub> Cl	0.25	g
KH <sub>2</sub> PO <sub>4</sub>	0.20	g
Na <sub>2</sub> SO <sub>4</sub>	4.00	g
Trace element solution (see below)	1.00	ml
Yeast extract	2.00	g
NaHCO <sub>3</sub>	0.10	g
Distilled water	1000.00	ml
pH 7.2 – 7.8		

Autoclave and add the following component after autoclaving from stock solutions:  
sterile solution B Na<sub>2</sub>S (3%) end concentration 0.3% and filter-sterilised vitamin solution  
(see below) 0.1 ml / 10 ml.

### Solution B:

Na <sub>2</sub> S x 9 H <sub>2</sub> O	0.3	g
Distilled water	10.0	ml

### Trace element solution:

FeSO <sub>4</sub> (NH <sub>4</sub> ) <sub>2</sub> x 6 H <sub>2</sub> O	784.0	mg
ZnSO <sub>4</sub> x 7 H <sub>2</sub> O	143.6	mg
MnCl <sub>2</sub> x 4 H <sub>2</sub> O	99.0	mg
Na <sub>2</sub> SeO <sub>4</sub>	94.6	mg
H <sub>3</sub> BO <sub>3</sub>	6.0	mg
Na <sub>2</sub> WO <sub>4</sub> x 2 H <sub>2</sub> O	33.0	mg
CuCl <sub>2</sub> x 2 H <sub>2</sub> O	1.8	mg
CoCl <sub>2</sub> x 6 H <sub>2</sub> O	238.0	mg
NiSO <sub>4</sub> (NH <sub>4</sub> ) <sub>2</sub> SO <sub>4</sub> x 6 H <sub>2</sub> O	395.0	mg
Na <sub>2</sub> MoO <sub>4</sub> x 2 H <sub>2</sub> O	24.0	mg
conc. HCl	10.0	ml
Distilled water	990.0	ml

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*Vitamin solution:*

Biotin	2.00	mg
Folic acid	2.00	mg
Pyridoxine-HCl	10.00	mg
Thiamine-HCl x 2 H <sub>2</sub> O	5.00	mg
Riboflavin	5.00	mg
Nicotinic acid	5.00	mg
D-Ca-pantothenate	5.00	mg
Vitamin B <sub>12</sub>	0.10	mg
p-Aminobenzoic acid	5.00	mg
Lipoic acid	5.00	mg
Distilled water	1000.00	ml