

**371. NATRONOBACTERIA MEDIUM**

KH <sub>2</sub> PO <sub>4</sub>	1.00	g
KCl	1.00	g
NH <sub>4</sub> Cl	1.00	g
MgSO <sub>4</sub> x 7 H <sub>2</sub> O	0.24	g
CaSO <sub>4</sub> x 2 H <sub>2</sub> O	0.17	g
Trace element solution SL-10 (see medium 320)	1.00	ml
Agar, if necessary	20.00	g
NaCl	200.00	g
Na <sub>2</sub> -glutamate	1.00	g
Yeast extract (Fisher BioReagents BP1422)	5.00	g
Casamino acids	5.00	g
Na <sub>2</sub> CO <sub>3</sub>	5.00	g

Add distilled water to give a final volume of 1000 ml.

Adjust pH to 6.5 before autoclaving!

Sterilize Na<sub>2</sub>CO<sub>3</sub> separate from medium, add after cooling.

Check final pH to be 9.0 - 9.5.

If agar medium is prepared, heat and dissolve agar before adding sodium chloride.