

371. NATRONOBACTERIA MEDIUM

KH_2PO_4	1.00	g
KCl	1.00	g
NH_4Cl	1.00	g
$\text{MgSO}_4 \times 7 \text{H}_2\text{O}$	0.24	g
$\text{CaSO}_4 \times 2 \text{H}_2\text{O}$	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_2 -glutamate	1.00	g
Yeast extract	5.00	g
Casamino acids	5.00	g
Na_2CO_3	5.00	g

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

Adjust pH to 6.5 before autoclaving!

Sterilize Na_2CO_3 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.