860: ANAEROCOLUMNA MEDIUM

This recipe contains strain-specific modifications for *Anaerosalibacter bizertensis* DSM 23801 *

Final pH: * 7.4
Final volume: 1002 ml

NH_4Cl	1.00	g
K_2HPO_4	0.30	g
KH_2PO_4	0.30	g
$MgCl_2$ x 6 H_2O	0.20	g
$CaCl_2$ x 2 H_2O	0.10	g
KCl	0.10	g
NaCl	0.60	g
Yeast extract	1.00	g
Trace element solution SL-10	1.50	ml
Sodium resazurin (0.1% w/v)	0.50	ml
Na_2CO_3	1.50	g
~~D-Fructose~~	~~4.00~~	~~g~~
L-Cysteine HCl x H_2O	0.50	g
Na_2S x 9 H_2O	0.30	g
D-Glucose	2.00	g
Distilled water	1000.00	ml

Dissolve ingredients except carbonate, fructose, cysteine and sulfide, then sparge medium with 80% N_2 and 20% CO_2 gas mixture for 30 - 45 min to make it anoxic. Dispense medium under the same gas atmosphere into anoxic Hungate-type tubes or serum vials and autoclave. Add fructose, cysteine and sulfide from sterile anoxic stock solutions prepared under 100% N_2 gas and carbonate from a sterile anoxic stock solution prepared under 80% N_2 and 20% CO_2 gas mixture. Prior to use adjust pH of complete medium to 7.0 - 7.2, if necessary.

* Replace fructose with 2.0 g/l D-glucose and adjust pH of complete medium to 7.4.

Trace element solution SL-10 (from medium 320)

HCl (25%)	10.00	ml
$FeCl_2$ x 4 H_2O	1.50	g
$ZnCl_2$	70.00	mg
$MnCl_2$ x 4 H_2O	100.00	mg
H_3BO_3	6.00	mg
$CoCl_2$ x 6 H_2O	190.00	mg
$CuCl_2$ x 2 H_2O	2.00	mg
$NiCl_2$ x 6 H_2O	24.00	mg
Na_2MoO_4 x 2 H_2O	36.00	mg

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Distilled water	990.00	ml

First dissolve $FeCl_2$ in the HCl, then dilute in water, add and dissolve the other salts. Finally make up to 1000.00 ml.

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