

986: PARAMALEDIVIBACTER MEDIUM

This recipe contains strain-specific modifications for *Wukongibacter baidiensis* DSM 103478 *

Final pH: * 7.5 - 8.0

Final volume: 1001 ml

Sea Salt (SIGMA)	30.00	g
NH ₄ Cl	1.00	g
K ₂ HPO ₄	0.30	g
KH ₂ PO ₄	0.30	g
Peptone	0.50	g
Yeast extract	0.50	g
Sodium resazurin (0.1% w/v)	0.50	ml
NaHCO ₃	2.00	g
D-Glucose	4.00	g
Wolin's vitamin solution (10x)	1.00	ml
L-Cysteine HCl x H ₂ O	0.25	g
Na ₂ S x 9 H ₂ O	0.25	g
Distilled water	1000.00	ml

Dissolve ingredients (except bicarbonate, glucose, vitamins, cysteine and sulfide), sparge medium with 100% N₂ gas for 30 - 45 min to make it anoxic. Dispense medium under same gas atmosphere into anoxic Hungate-type tubes or serum vials and autoclave. Add vitamins, glucose, sulfide and cysteine from sterile anoxic stock solutions prepared under 100% N₂ gas and bicarbonate from a sterile anoxic stock solution prepared under 80% N₂ and 20% CO₂ gas mixture. Vitamins should be sterilized by filtration. The pH of the complete medium should be 7.0.

* Adjust pH of complete medium to pH 7.5 - 8.0.

Wolin's vitamin solution (10x) (from medium 120)

Biotin	20.00	mg
Folic acid	20.00	mg
Pyridoxine hydrochloride	100.00	mg
Thiamine HCl	50.00	mg
Riboflavin	50.00	mg
Nicotinic acid	50.00	mg
Calcium D-(+)-pantothenate	50.00	mg
Vitamin B ₁₂	1.00	mg
p-Aminobenzoic acid	50.00	mg
(DL)-alpha-Lipoic acid	50.00	mg
Distilled water	1000.00	ml