

909. TREPONEMA DENTICOLA MEDIUM**Solution A:**

Brain heart infusion broth	12.50	g
Trypticase (BBL 11921)	10.00	g
Yeast extract	2.50	g
Na-thioglycolate	0.50	g
L-Cysteine x HCl	1.00	g
L-Asparagine	0.25	g
Glucose	2.00	g
Agar	3.00	g
Distilled water	1000.00	ml

Boil for 5 min, cool to 50°C while gassing with 80% N₂ + 20% CO₂. Distribute to anaerobic tubes under the same atmosphere and autoclave.

Solution B:

Thiamine pyrophosphate	6.00	mg
NaHCO ₃	2.00	g
Distilled water	25.00	ml
Volatile fatty acid solution	20.00	ml

Sterilize by filtration, add 20 ml rabbit serum, gas with 80% N₂ + 20% CO₂.

Add 0.45 ml Sol. B to 10 ml Sol. A. Inoculate and pressurize the tubes with H₂ to 0.5 bar.

Volatile fatty acid solution:

KOH, 0.1 N	100.00	ml
Isobutyric acid	0.50	ml
D,L-2-methylbutyric acid	0.50	ml
Isovaleric acid	0.50	ml
Valeric acid	0.50	ml