

## 909: TREPONEMA DENTICOLA MEDIUM

This recipe contains strain-specific modifications for *Brucepastera parasytrophica* DSM 111712 \*

Final volume: 1045 ml

<b>Solution A</b>	1000.00	ml
<b>Solution B</b>	45.00	ml

Add 0.45 ml Sol. B to 10 ml Sol. A. Inoculate and pressurize the tubes with H<sub>2</sub> to 0.5 bar.

\* Omit agar from solution A.

### 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 HCl	1.00	g
L-Asparagine	0.25	g
Glucose	2.00	g
<del>Agar</del>	<del>3.00</del>	<del>g</del>
Distilled water	1000.00	ml

Boil for 5 min, cool to 50°C while gassing with 80% N<sub>2</sub> + 20% CO<sub>2</sub>. Distribute to anaerobic tubes under the same atmosphere and autoclave.

### Solution B

Thiamine pyrophosphate	6.00	mg
NaHCO <sub>3</sub>	2.00	g
Distilled water	25.00	ml
<b>Volatile fatty acid solution</b>	20.00	ml
Rabbit serum	20.00	ml

Sterilize by filtration, add 20 ml rabbit serum, gas with 80% N<sub>2</sub> + 20% CO<sub>2</sub>.

### Volatile fatty acid solution

KOH (0.1 N)	100.00	ml
Isobutyric acid	0.50	ml
DL-2-Methylbutyric acid	0.50	ml
Isovaleric acid	0.50	ml

# Microorganisms



## 909: TREPONEMA DENTICOLA MEDIUM

Valeric acid

0.50 ml