

## 830: R2A MEDIUM

This recipe contains strain-specific modifications for *Telmatobacter bradus* DSM 23630 \*

Final pH: \* 4.5 - 5.0

Final volume: 1000 ml

Yeast extract	0.50	g
Proteose peptone (Difco no. 3)	0.50	g
Casamino acids	0.50	g
Glucose	0.50	g
Starch (soluble)	0.50	g
<del>Na pyruvate</del>	<del>0.30</del>	<del>g</del>
<del>K<sub>2</sub>HPO<sub>4</sub></del>	<del>0.30</del>	<del>g</del>
MgSO <sub>4</sub> x 7 H <sub>2</sub> O	0.05	g
Agar	15.00	g
Distilled water	1000.00	ml

Final pH 7.2; adjust with crystalline K<sub>2</sub>HPO<sub>4</sub> or KH<sub>2</sub>PO<sub>4</sub> before adding agar. Add agar, heat medium to boiling to dissolve agar, and autoclave for 15 min at 121°C.

\* (leave out phosphate and pyruvate. Dilute 1:10 and adjust pH to 4.5 - 5.0 with alginic acid (or MES)); fill tubes for anaerobes (Hungate) half with medium, close tightly. Do not shake.