

436. RUMINOCOCCUS ALBUS MEDIUM

Tryptone	5.0	g
Yeast extract	2.0	g
Glucose	3.0	g
Cellobiose	2.0	g
Mineral solution 1	40.0	ml
Mineral solution 2	40.0	ml
Resazurin	1.0	mg
Distilled water	920.0	ml

Boil and cool under CO₂. Under a gentle stream of CO₂ add:

Na ₂ CO ₃	4.0	g
Fatty acid mixture	1.0	ml
Cysteine-HCl x H ₂ O	500.0	mg

Adjust pH to 7.0, distribute under N₂ into appropriate vessels and sterilize.

Mineral solution 1:

K ₂ HPO ₄	0.6	%
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Mineral solution 2:

KH ₂ PO ₄	0.6	%
(NH ₄) ₂ SO ₄	2.0	%
NaCl	1.2	%
MgSO ₄ x 7 H ₂ O	0.25	%
CaCl ₂ x 7 H ₂ O	0.16	%

Fatty acid mixture:

Isobutyric acid	10.0	ml
Isovaleric acid	10.0	ml
2-Methylbutyric acid	10.0	ml
Distilled water	70.0	ml

Inoculate under CO₂ and incubate at 37°C.