

## 1611: YCFA MEDIUM (modified)

This recipe contains strain-specific modifications for *Fusicatenibacter faecihominis* DSM 113288 \*

Final pH: 6.7 - 6.8

Final volume: 10 ml

### Medium 1611 in Hungate tube

1. Prepare the Medium (see Main sol. 1611). Distribute under N<sub>2</sub> into Hungate tubes (10 ml):

<b>Main sol. 1611</b>	10.00	ml
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2. Autoclave. Then filter sterilize vitamin solution and aseptically add 100 µl per Hungate tube:

<b>Vitamin solution (filter-sterilized)</b>	0.10	ml
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\* 1 drop of 10x Wolin Vitamine Solution (see medium 141)

### **Main sol. 1611**

Casitone	10.00	g
Yeast extract	2.50	g
Glucose	5.00	g
MgSO <sub>4</sub> x 7 H <sub>2</sub> O	45.00	mg
CaCl <sub>2</sub> x 2 H <sub>2</sub> O	90.00	mg
K <sub>2</sub> HPO <sub>4</sub>	0.45	g
KH <sub>2</sub> PO <sub>4</sub>	0.45	g
NaCl	0.90	g
Resazurin	1.00	mg
Distilled water	1000.00	ml

1. Dissolve ingredients except NaHCO<sub>3</sub>, hemin, cysteine in water and boil for 10 min, then add fatty acids:

<b>Volatile fatty acids</b>	2.70	ml
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2. Cool down to room temperature while gassing with 100% CO<sub>2</sub>. Add the NaHCO<sub>3</sub>, hemin, cysteine.

NaHCO <sub>3</sub>	4.00	g
L-Cysteine HCl	1.00	g
Hemin	10.00	mg

3. Adjust pH to 6.7-6.8.

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### Volatile fatty acids

Acetic acid	1.90	ml
Propionic acid	0.70	ml
iso-Butyric acid	90.00	μl
n-Valeric acid	100.00	μl
iso-Valeric acid	100.00	μl

### Vitamin solution

Biotin	2.00	mg
Folic acid	2.00	mg
Pyridoxine hydrochloride	10.00	mg
Thiamine-HCl x 2 H <sub>2</sub> O	5.00	mg
Riboflavin	5.00	mg
Nicotinic acid	5.00	mg
D-Calcium pantothenate	5.00	mg
Vitamin B <sub>12</sub>	0.10	mg
p-Aminobenzoic acid	5.00	mg
Lipoic acid	5.00	mg
Distilled water	1000.00	ml