

## 58: BIFIDOBACTERIUM MEDIUM

This recipe contains strain-specific modifications for *Pectinatus haikarae* DSM 16980 \*

Final pH: 6.8

Final volume: 1000 ml

Casein peptone (tryptic digest)	10.00	g
Yeast extract	5.00	g
Meat extract	5.00	g
Bacto Soytone	5.00	g
Glucose	10.00	g
K <sub>2</sub> HPO <sub>4</sub>	2.00	g
MgSO <sub>4</sub> x 7 H <sub>2</sub> O	0.20	g
MnSO <sub>4</sub> x H <sub>2</sub> O	0.05	g
Tween 80	1.00	ml
NaCl	5.00	g
L-Cysteine HCl x H <sub>2</sub> O	0.50	g
<b>Salt solution</b>	40.00	ml
Resazurin (25 mg/100ml)	4.00	ml
Haemin	50.00	mg/l
Na-lactate	5.00	g/l
Distilled water	950.00	ml

The cysteine are added after the medium has been boiled and cooled under CO<sub>2</sub>. Adjust pH to 6.8 using 8 N NaOH. Distribute under N<sub>2</sub> and autoclave.

\* Plus haemine (50µg/ml) plus Vit K<sub>1</sub> plus Na-lactate (0.5%); anaerobic

### Salt solution

CaCl <sub>2</sub> x 2 H <sub>2</sub> O	0.25	g
MgSO <sub>4</sub> x 7 H <sub>2</sub> O	0.50	g
K <sub>2</sub> HPO <sub>4</sub>	1.00	g
KH <sub>2</sub> PO <sub>4</sub>	1.00	g
NaHCO <sub>3</sub>	10.00	g
NaCl	2.00	g
Distilled water	1000.00	ml