

58: BIFIDOBACTERIUM MEDIUM

This recipe contains strain-specific modifications for *Pectinatus brassicae* DSM 24661 *

| | | |
|----------------------------------------|--------|------|
| 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 ₂ HPO ₄ | 2.00 | g |
| MgSO ₄ x 7 H ₂ O | 0.20 | g |
| MnSO ₄ x H ₂ O | 0.05 | g |
| Tween 80 | 1.00 | ml |
| NaCl | 5.00 | g |
| L-Cysteine HCl x H ₂ O | 0.50 | g |
| Salt solution | 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 CO₂. Adjust pH to 6.8 using 8 N NaOH. Distribute under N₂ and autoclave.

* Plus haemine (50µg/ml) plus Vit K₁ plus Na-lactate (0.5%); anaerobic

Salt solution

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