Blood Agar Base No. 2, HiVeg™ / with 1.2% Agar, HiVeg™ MV834 / MV834A

Blood Agar Base No. 2, HiVeg / with 1.2% Agar, HiVeg is specially devised to permit the maximum recovery of fastidious pathogenic microorganisms without interfering with their haemolytic reactions.

**Composition**

<table>
<thead>
<tr>
<th>Ingredients</th>
<th>Grams/Litre MV834</th>
<th>Grams/Litre MV834A</th>
</tr>
</thead>
<tbody>
<tr>
<td>HiVeg peptone No.3</td>
<td>15.00</td>
<td>15.00</td>
</tr>
<tr>
<td>HiVeg extract No.2</td>
<td>2.50</td>
<td>2.50</td>
</tr>
<tr>
<td>Yeast extract</td>
<td>5.00</td>
<td>5.00</td>
</tr>
<tr>
<td>Sodium chloride</td>
<td>5.00</td>
<td>5.00</td>
</tr>
<tr>
<td>Agar</td>
<td>15.00</td>
<td>12.00</td>
</tr>
</tbody>
</table>

**Recommended for**: Maximum recovery of fastidious pathogenic microorganisms without interfering with their haemolytic reactions.

**Reconstitution**: (MV834): 42.5 g/L

**Quantity on preparation (500g)**:

- **(100g)**: (MV834): 4.25 L
- **(500g)**: (MV834A): 2.35 L
- **(500g)**: (MV834A): 12.65 L

**pH (25°C)**: 7.4 ± 0.2

**Supplement**: Delibrated blood and FD’s as desired.

**Storage**: 121°C / 15 minutes

**Appearance Control**

- **Appearance of Powder**: Yellow coloured, may have slightly greenish tinge, homogeneous, free flowing powder.

- **Gelling**: Firm, comparable with 1.5% Agar gel of MV834 or 1.2% Agar gel of MV834A.

- **Colour and Clarity**: Basal medium yields yellow coloured clear to slightly opalescent gel, with addition of 7% v/v sterile defibrinated blood, cherry red coloured, opaque gel forms in petri plates.

- **Reaction**: Reaction of 4.25% w/v of MV834 or 3.95% w/v of MV834A aqueous solution is pH 7.4 ± 0.2 at 25°C.

**Cultural Response**

- **Organisms (ATCC)**: Neisseria meningitidis (13090) 10⁴-10⁵ CFU, good to luxuriant, >70% recovery
- **Organisms (ATCC)**: Streptococcus pneumoniae (6300) 10⁴-10⁵ CFU, good to luxuriant, >70% haemolysis, alpha
- **Organisms (ATCC)**: Streptococcus pyogenes (19615) 10⁴-10⁵ CFU, good to luxuriant, >70% haemolysis, beta
- **Organisms (ATCC)**: Staphylococcus aureus (25923) 10⁴-10⁵ CFU, good to luxuriant, >70% haemolysis, beta

**References**


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**Prepared from GMO free Vegetable proteins replacing Animal based peptones. Freedom from BSE/TSE worries.**