APPENDIX 1

Growth profile of human ST3 Blastocystis isolate
APPENDIX 2

Preparation of Jones’ medium

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>NaCl</td>
<td>7.087g</td>
</tr>
<tr>
<td>Na₂HPO₄</td>
<td>1.244g</td>
</tr>
<tr>
<td>KH₂PO₄</td>
<td>0.397g</td>
</tr>
</tbody>
</table>

Dissolve in 960ml of distilled water, add 1% yeast and adjust pH to 7.4. Autoclave for 20min at 120°C, leave it to cool down and store at 4°C. Add 10% of inactivated horse serum to Jones’s medium before culturing *Blastocystis* sp.
APPENDIX 3

Floatation method

1. Emulsify 1-2 g. faeces with saturated salt solution (sodium chloride).
2. Filter through 85 mesh screen into a centrifuge tube.
3. Stand tube erect in a rack.
4. Slowly ‘top up’ by means of a pipette with more saturated salt solution until 15ml.
5. Lower a coverslip gently onto the meniscus at the mouth of the tube.
6. Allow a stand for 15-30 minutes.
7. Lift coverslip vertically up and put onto a slide.
8. Examine under 10x objective of compound microscope for the presence of eggs.
APPENDIX 4

McMaster method

1. Weigh 3 g of faeces into a jar.
2. Add saturated salt solution (sodium chloride) up to 45 ml mark (1:15 dilution).
3. Mix contents by glass beads, automixer or pestle and mortar.
4. Filter through a 85 mesh screen and collect filtrate.
5. Mix filtrate well and fill up both the counting chambers of McMaster’s slide.
6. Count all eggs seen within the ruled areas of both the chambers.
7. The mean of two counts is recommended in calculating egg counts.
8. Multiply the number of eggs counted by 100 to give eggs per gram (e.p.g.).