**E. Coli O157:H7**

**Protocol for 25 g sample**

**1 Detection**

- 25 g of sample (raw beef)
- 225 ml of BPW (Buffered Peptoned Water)
- 6 - 24 hrs / 41.5°C ±1°C
- 1 - 2 ml

**2 Confirmation**

- 500 µl from the BPW

**VIDAS ECPT**

- Results in 50 minutes

**VIDAS ICE**

- Results in 40 minutes

- Using a calibrated swab, collect the immunoconcentrated solution of E. coli O157 from the first well of the VIDAS ICE strip

- Streak onto selective media O157:H7 ID or CT-SMAC

- Incubate at 37°C ± 1°C / 18-24 hrs

**Test < 0.04**

- No E. coli O157:H7 detected

**Test ≥ 0.04**

- CONFIRMATION with VIDAS ICE

**Identification of suspect colonies**
E. Coli O157:H7
Protocol for 375 g sample

1. **Detection**

- 375 g of sample (raw beef)
- 1.125 ml of BPW (Buffered Peptoned Water)
- Vancomycin (8 mg/L)
- Heat to 95-100°C / 5±1 min

2. **Confirmation**

- 500 μl from the BPW
- VIDAS ECPT Results in 50 minutes
- VIDAS ICE Results in 40 minutes

- Using a calibrated swab, collect the immunoconcentrated solution of E. coli O157 from the first well of the VIDAS ICE strip
- Streak onto selective media O157:H7 ID or CT-SMAC
- Incubate at 37°C ± 1°C / 18-24 hrs

**IDENTIFICATION OF SUSPECT COLONIES**

**E. coli O157 : H7 range**

<table>
<thead>
<tr>
<th>Product Code</th>
<th>Description</th>
<th>Quantity / Unit</th>
</tr>
</thead>
<tbody>
<tr>
<td>30 122</td>
<td>VIDAS UP E. coli O157:H7</td>
<td>30 tests</td>
</tr>
<tr>
<td>30 526</td>
<td>VIDAS ICE</td>
<td>30 tests</td>
</tr>
<tr>
<td>42 043</td>
<td>Buffered Peptoned Water</td>
<td>5 x 225 ml</td>
</tr>
<tr>
<td>42 042</td>
<td>Buffered Peptoned Water</td>
<td>5 x 90 ml</td>
</tr>
<tr>
<td>42 729</td>
<td>Buffered Peptoned Water MINIBAGS</td>
<td>10 x 225 ml</td>
</tr>
<tr>
<td>42 605</td>
<td>ChromId™ O157:H7</td>
<td>6 x 200 ml</td>
</tr>
<tr>
<td>42 607</td>
<td>SMAC agar</td>
<td>5 x 20 ml</td>
</tr>
<tr>
<td>42 391</td>
<td>CT-SMAC agar*</td>
<td>2 x 10 plates</td>
</tr>
<tr>
<td>42 606</td>
<td>Cefixime-Tellurite</td>
<td>6 x 4 ml (lyo)</td>
</tr>
</tbody>
</table>

* Consult us for availability

**For further details, consult the product package insert.**