80507 Bile Escculin Disks (Escculin Bile Disks)

Used for rapid detection of escculin hydrolysis in presence of bile for differentiatin group D streptococci fron non-group D streptococci. Group D streptococci hydrolyze the escculin to esculetin and dextrose. Esculetin reacts with an iron salt such as ferric citrate to form a blackish-brown coloured complex.

Composition:
(1 package contains 50 disks)
Sterile filter paper discs (diameter 6mm) impregnated with escculin.

Directions:
Place Bile Escculin disc on the seeded Bile Escculin Agar Base (without Escculin) plate or another media. Incubate at 35°C for 18-24 hours.

Quality control:
Cultural characteristics after 18-24 hours at 35°C.

<table>
<thead>
<tr>
<th>Test Organisms (ATCC)</th>
<th>Esculin Hydrolysis</th>
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</thead>
<tbody>
<tr>
<td><em>Streptococcus faecalis</em> (29212)</td>
<td>+</td>
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<tr>
<td><em>Streptococcus pyrogenes</em> (19615)</td>
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<tr>
<td><em>Listeria monocytogenes</em> (19118)</td>
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Product Information

References: