HIGH LEVEL AMINOGLYCOSIDE RESISTANCE SCREEN PLATE (QUAD) QC

ANTIMICROBIALS TO BE TESTED:

- Gentamicin 500 mg/L
- Streptomycin 2000 mg/L
- Vancomycin

ISOLATES FOR TESTING:

- Enterococcus faecalis ATCC 49532
- Enterococcus faecalis ATCC 49533
- Enterococcus gallinarum ATCC 35038

FREQUENCY OF TESTING:

Test all QC isolates weekly on the VITEK bench with new lot.
Test Enterococcus faecalis ATCC 49532 on each plate as they are set up with clinical isolates.
LIS VITEK QC worklist will generate testing requirements as scheduled.

PROCEDURE:

Follow procedure described in the Antibiotic Susceptibility section of the lab manual.
Record results in the LIS QUAD QC chart.

EXPECTED RESULTS:

<table>
<thead>
<tr>
<th>Isolate</th>
<th>Control</th>
<th>Gent.</th>
<th>Strep.</th>
<th>Vanco.</th>
</tr>
</thead>
<tbody>
<tr>
<td>E. faecalis (ATCC 49532)</td>
<td>+</td>
<td>+</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>E. faecalis (ATCC 49533)</td>
<td>+</td>
<td>-</td>
<td>+</td>
<td>-</td>
</tr>
<tr>
<td>E. gallinarum (ATCC 49573)</td>
<td>+</td>
<td>-</td>
<td>-</td>
<td>+</td>
</tr>
</tbody>
</table>
OUT-OF-RANGE RESULTS:

Enter "Results Comment" in the LIS.
Inform QA or charge technologist of all out-of-range results. Corrective action will be instituted as required.