

TML\MSH Microbiology Department Policy & Procedure Manual	Policy # MI\QC\07\v02	Page 1 of 2
Section: Quality Control Manual	Subject Title: High Level Aminoglycoside Resistance Screen Plate (QUAD) QC	
Issued by: LABORATORY MANAGER	Original Date: April 11, 2001	
Approved by: Laboratory Director	Revision Date: February 27, 2004	

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:

	Expected results of each quadrant			
	Control	Gent.	Strep.	Vanco.
<i>E. faecalis</i> (ATCC 49532)	+	+	-	-
<i>E. faecalis</i> (ATCC 49533)	+	-	+	-
<i>E. gallinarum</i> (ATCC 49573)	+	-	-	+

TML\MSH Microbiology Department Policy & Procedure Manual	Policy # MI\QC\07\v01	Page 2 of 2
Quality Control Manual		

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.