

Figure 1. Test interpretation guidelines for the API 20 Strep system

### All Negative Tests



### All Positive Tests



Each individual test is marked as positive and negative, creating a test profile for each isolate.

Source: bioMérieux, [www.biomerieux.com](http://www.biomerieux.com)

Figure 2. MIC cut-offs for *Streptococci*

<b>Drug</b>	<b>Sensitive</b>	<b>Intermediate</b>	<b>Resistant</b>
Ampicillin	$\leq 0.25$	0.5 - 4	$\geq 8$
Penicillin	$\leq 0.12$	0.25 - 2	$\geq 4$
Erythromycin	$\leq 0.25$	0.5	$\geq 1$
Pirlimycin	$\leq 2$	0	$\geq 4$
Penicillin/Novobiocin	$\leq 1/2$	2/4	$\geq 4/8$
Tetracycline	$\leq 2$	4	$\geq 8$
Cephalothin	$\leq 8$	16	$\geq 32$
Oxacillin*	N/A	N/A	N/A
Ceftiofur*	N/A	N/A	N/A
Sulphadimethoxine*	N/A	N/A	N/A

Clinical Laboratory Standards Institute (CLSI): 2004, *Performance standards for antimicrobial disk and dilution susceptibility tests for bacteria isolated from animals; approved standard M31-S1*, vol. 17, no. 17. CLSI, Wayne, PA.