Appendix 1 - Doubling Dilution Chart for Etest MIC Interpretation (LTR63098)

Edit Approved By: Verity, Bob (06/28/2022) **Revision: 3.00**

Etest MIC value µg/mL	Doubling dilution value µg/mL Use for interpretation	Etest MIC value µg/mL	Doubling dilution value µg/mL Use for interpretation
256	256		
192		.5	.5
128	128	.38	
96		.25	.25
64	64	.19	
48		.125	.125
32	32	.094	
24		.064	0.06
16	16	.047	
12		.032	
8	8	.023	≤ 0.03
6		.016	
4	4	.012	
3		.008	
2	2	.006	
1.5		.004	
1.0	1	.003	
.75		.002	

Notes: Due to the continuous antibiotic concentration gradient of the Etest method, obtained MIC values can be more precise than conventional MIC values obtained from two-fold serial broth dilutions. **CLSI** breakpoints are based on the latter.

To interpret Etest MIC values, this chart provides a guide to report MIC values according to **CLSI** breakpoints.

Report the actual MIC value obtained by Etest, and additionally report the interpretation (S, I, R) according to CLSI breakpoints for organisms where this has been validated.

For organisms for which there are no published **CLSI** breakpoints, refer to the "**Interpretation Section"** for recommended breakpoint interpretations. All susceptibility results for these organisms must be reported with the following comment:

Susceptibility testing for this organism was performed by a non-reference method and/or required modifications to the standard test conditions. Results are probable but not definite. **(21303 and 23380)**

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