



## Reference Antimicrobial Susceptibility Testing (AST) Data: Supplementary Information

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### 1. Interpretation rules for MIC values for bacterial pathogens:

Lower range MIC (mcg/ml)

| LIMS MIC value (as entered) | MIC Distribution Interpretation |
|-----------------------------|---------------------------------|
| 0.059                       | $\leq 0.06$                     |
| 0.119                       | $\leq 0.12$                     |
| 0.249                       | $\leq 0.25$                     |
| 0.49                        | $\leq 0.5$                      |
| 0.9                         | $\leq 1$                        |
| 1.9                         | $\leq 2$                        |
| 3.9                         | $\leq 4$                        |

Higher range MIC (mcg/ml)

| LIMS MIC value (as entered) | MIC Distribution Interpretation |
|-----------------------------|---------------------------------|
| 4.1                         | $\geq 8$                        |
| 8.1                         | $\geq 16$                       |
| 17                          | $\geq 32$                       |
| 33                          | $\geq 64$                       |
| 65                          | $\geq 128$                      |
| 129                         | $\geq 256$                      |
| 257                         | $\geq 512$                      |
| 513                         | $\geq 1024$                     |

Not-determined, not available or blank MIC values within the dataset referenced as:

|    |                  |
|----|------------------|
| ND | "not determined" |
|    | "not determined" |
| .  | "not determined" |

### 2. Clinical specimen terms that require decoding:

BAL: Bronchoalveolar lavage