**Supplementary Table S10.** Formulas for Calculating Performance Metrics Per IMX-BVN-2 Bacterial Score Results Interpretation Bands

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Band** | **Adjudicated Infection Status\*** | | **Sensitivity** | **Specificity** | **Nominal Likelihood Ratio (LR)** | **Sample**  **Pre-Test Probability (aka Prevalence)** | **Sample Pre-Test Odds** | **Sample Post-Test Odds** | **Sample Post-Test Probability** |
| **Bact. Inf. Present** | **Bact. Inf. Absent** |
| Very Likely |  |  |  |  |  |  |  |  |  |
| Possible |  |  |  |  |  |  |  |  |  |
| Unlikely |  |  |  |  |  |  |  |  |  |
| Very Unlikely |  |  |  |  |  |  |  |  |  |

\*This table of formulas is also applicable to the IMX-BVN-2 viral score, where the two infection statuses would be “Viral Infection Present” and “Viral Infection Absent.”  
aka = also known as, Bact. = Bacterial, Inf. = Infection, S.=Sample