

Supplementary Table S1. Sequence of primers and probes used in real-time PCR for detection of *Streptococcus pneumoniae* to the *lytA* gene. Thermal conditions for conducting the PCR reaction.

| Pathogen                 | Gene   | Primer and Probe | Sequence                              | nM  |
|--------------------------|--------|------------------|---------------------------------------|-----|
| Streptococcus pneumoniae | lytA   | F                | ACGCAATCTAGCAGATGAA<br>GCA            | 250 |
|                          |        | R                | TCGTGCGTTTTAATTCCAGC<br>T             | 250 |
|                          |        | P                | HEX–<br>TGCCGAAAACGCTTGATAC<br>AGGGAG | 100 |
| PCR Conditions           |        |                  |                                       |     |
| Step                     | Cycles | Temperature      | Time                                  |     |
| 1. Initial denaturation  | 1      | 95°C             | 2 min.                                |     |
| 2.1 Denaturation         | 40     | 95°C             | 15 sec.                               |     |
| 2.2 Annealing            |        | 55°C             | 30 sec.                               |     |