

Table S1. Primer information for conventional PCR

Targets	Sequence of primer (5' → 3')	PCR product size	References
<i>K. pneumoniae</i>	ATT TCT CCG GCG TCA AGT GT CTC AAC ATC GTC GCA AAG GC	202	[19]
<i>S. aureus</i>	CGC AAA CTG TTG GCC ACT AT CTC GCC ATC ATG ATT CAA GT	293	
<i>S. pneumoniae</i>	TTG ACC CAT CAG GGA GAA AG CTT GAT GCC ACT TAG CCA AC	349	
<i>P. aeruginosa</i>	GAT GGA AAT GCT GAA ATT CG GGA CGC TCT TTA CCA TAG GA	444	
<i>H. influenzae</i>	GCG AAA GTC CAA GCC TCT CT TCA CCG TAA GAT ACT GTG CCT	582	
<i>Legionella</i> spp.	GGCGACCTGGCTTC GGTCATCGTTTGCATTATATTTA	101	[20]
<i>Legionella pneumophila</i>	GGCCAATAGGTCCGCCAACG GGTGACTGCGGCTGTTATGG	632	[21]

Table S2. Conventional culture results according to the leukocyte esterase grade and sputum quality.

Urine strip grade for leukocyte esterase	Sputum quality (adequate) (n = 39)		Sputum quality (inadequate) (n = 28)	
	Conventional culture (+)	Conventional culture (-)	Conventional culture (+)	Conventional culture (-)
Negative (n = 21)	1	7	1	12
Positive (1+, 2+, 3+) (n = 45)	14	17	9	5
Mucoid (n = 1)	0	0	0	1
Total	15	24	10	18