

Primers (Table S1) specific to gene of *M. pneumoniae* were designed and evaluated using the NUPACK web tool (<http://www.nupack.org/>) and NCBI primer-BLAST (<https://www.ncbi.nlm.nih.gov/tools/primer-blast>). The primers were synthesized by Sangon Biotech (Shanghai, China) .

Table S1. Sequences of nucleic acids used in this work

Name		Sequence (5'-3')
q-PCR primer set (^a CP017343.1)	F	CGTAAACGATAGATACTAGCTGTC
	R	CCATAACTTTGCCAAGGATGTCA
LAMP primer set (^a CP017341.1)	F3	TGTTAGCGCGGTTAATGC
	B3	TTCCAAATCACTAGGTGGATT
	FIP	GAGGAGACCCGAAACTGAGTTAGTGAACCAAAGTGAAAAATG AC
	BIP	ACTGTTAGGTCAAACCTGAAAATGGCAAAGGACATACATACAAAT CGTG
	LF	TTGCACTGTCTTGCGGT
	LB	GTTCTGAAATACCAAGAGT

^a GenBank accession number.