Table S1. Sample-to-background ratios of DAMP products for 10000, 1000, and 100 GE for each primer set using different dyes.

Primer Set	Brilliant Green			Thioflavin T			dsGreen		
	10000	1000	100	10000	1000	100	10000	1000	100
Streptococcus Pneumoniae	8.49	10.33	5.42	4.74	4.23	2.70	4.27	3.10	3.01
Haemophilus influenzae	7.69	7.75	6.51	5.26	4.72	4.04	4.72	4.73	3.98
Neisseria meningitidis	7.98	7.86	7.13	5.14	5.61	4.34	4.28	4.06	3.16

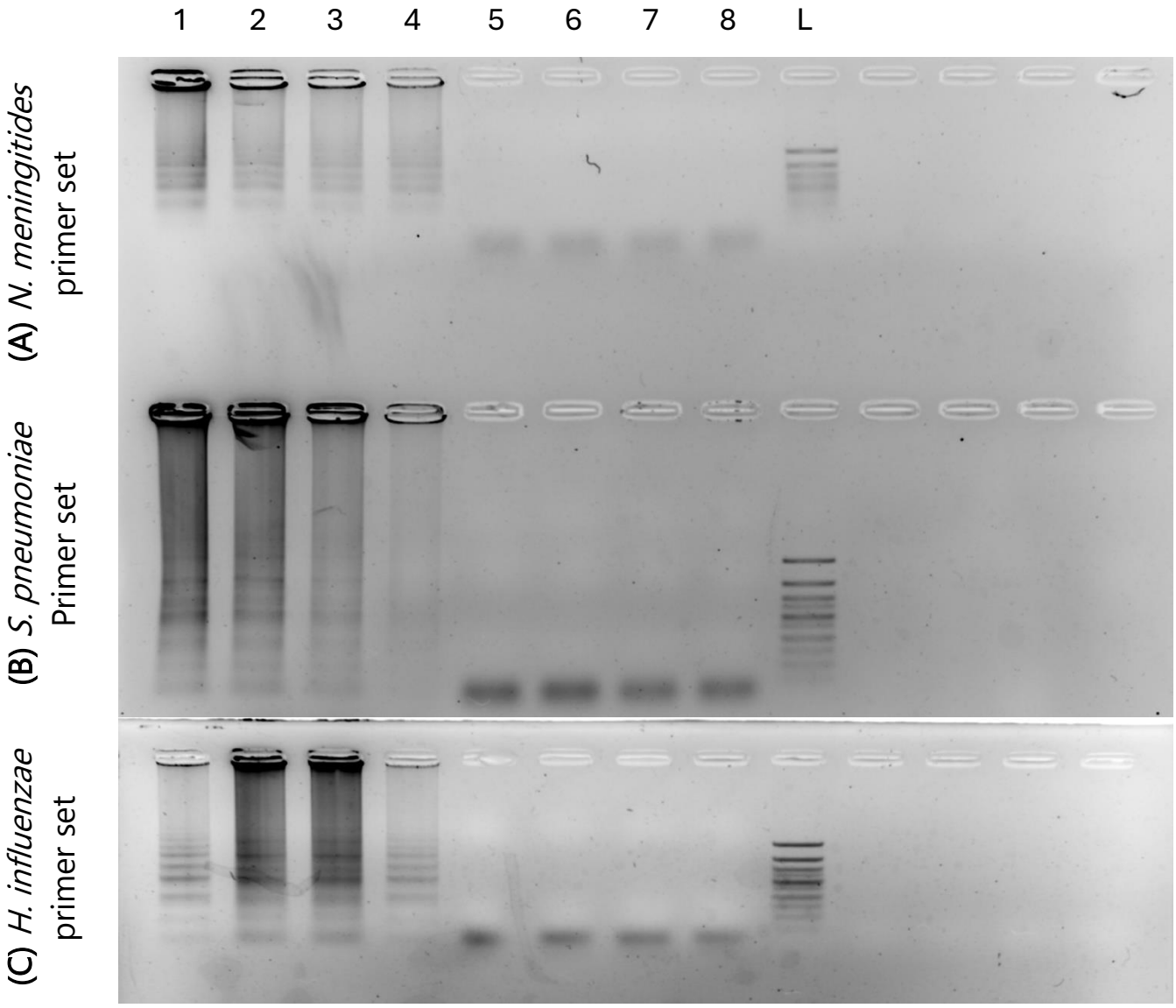


Figure S1. The limit of detection of the DAMP assay. Agarose 2% Gel electrophoresis of DAMP amplicons using **(A)** *N. meningitidis* primer set, **(B)** *S. pneumoniae* primer set, and **(C)** *H. influenzae* primer set. Reaction correspondind DNA in concentration **(1)** 100000 GE, **(2)** 10000 GE, **(3)** 1000 GE, **(4)** 100 GE, **(5)** 50 GE, **(6)** 1 GE, **(7)** 0 GE, **(8)** 10 GE, **(L)** 50bp+ DNA Marker.

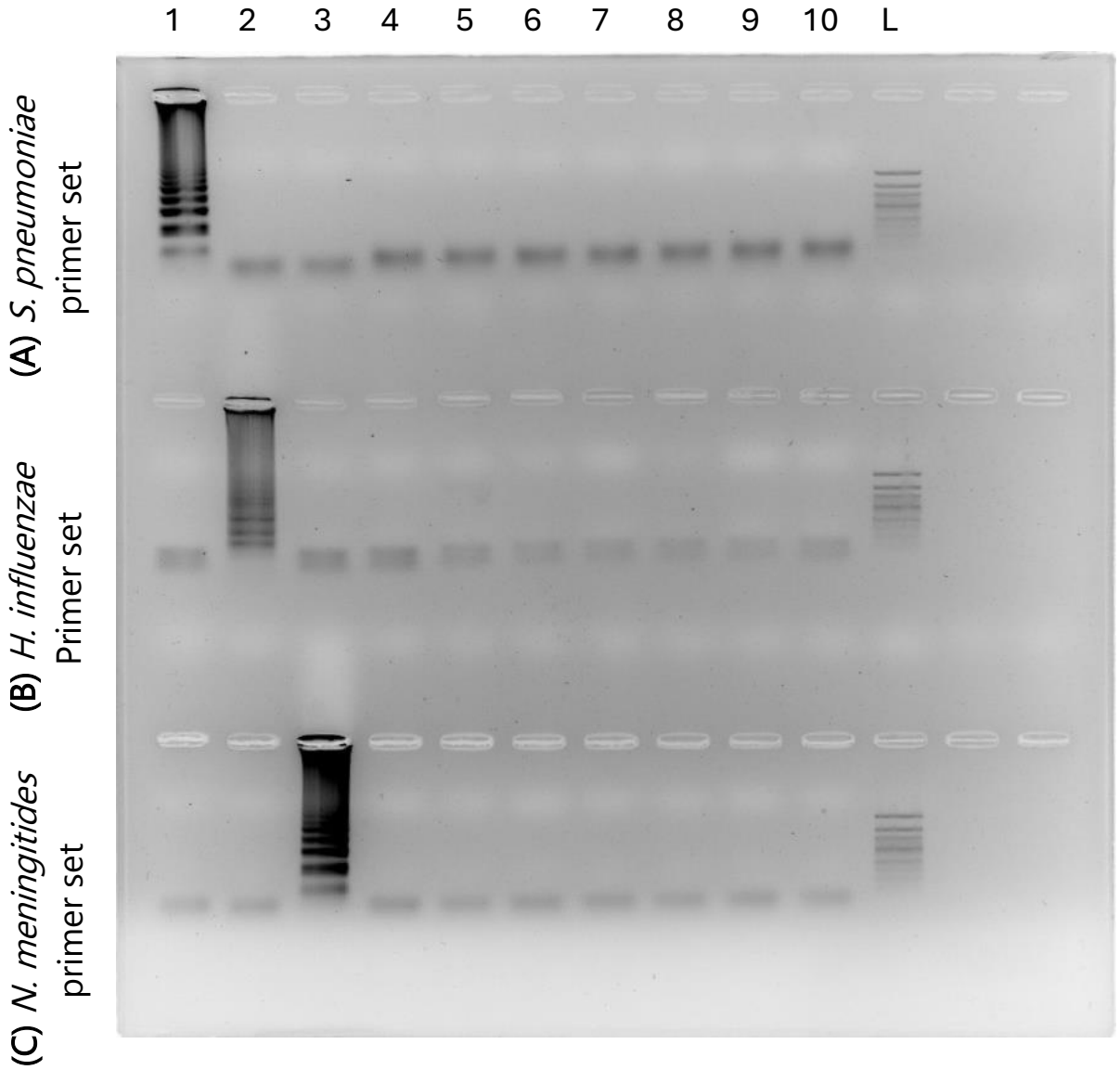


Figure S2. The cross-reaction of the DAMP assay. Agarose 2% Gel electrophoresis of DAMP amplicons using **(A)** *S. pneumoniae* primer set, **(B)** *H. influenzae* primer set, and **(C)** *N. meningitidis* primer set. Reaction with DNA of **(1)** *S. pneumoniae*, **(2)** *H. influenzae*, **(3)** *N. menengitidis*, **(4)** *S. agalacticae*, **(5)** *S. aureus*, **(6)** *L. monocytogenes*, **(7)** *K. pneumoniae*, **(8)** *A. baumannii*, **(9)** Human fragmented DNA, **(10)** Negative Control. **(L)** 50bp+ DNA Marker.

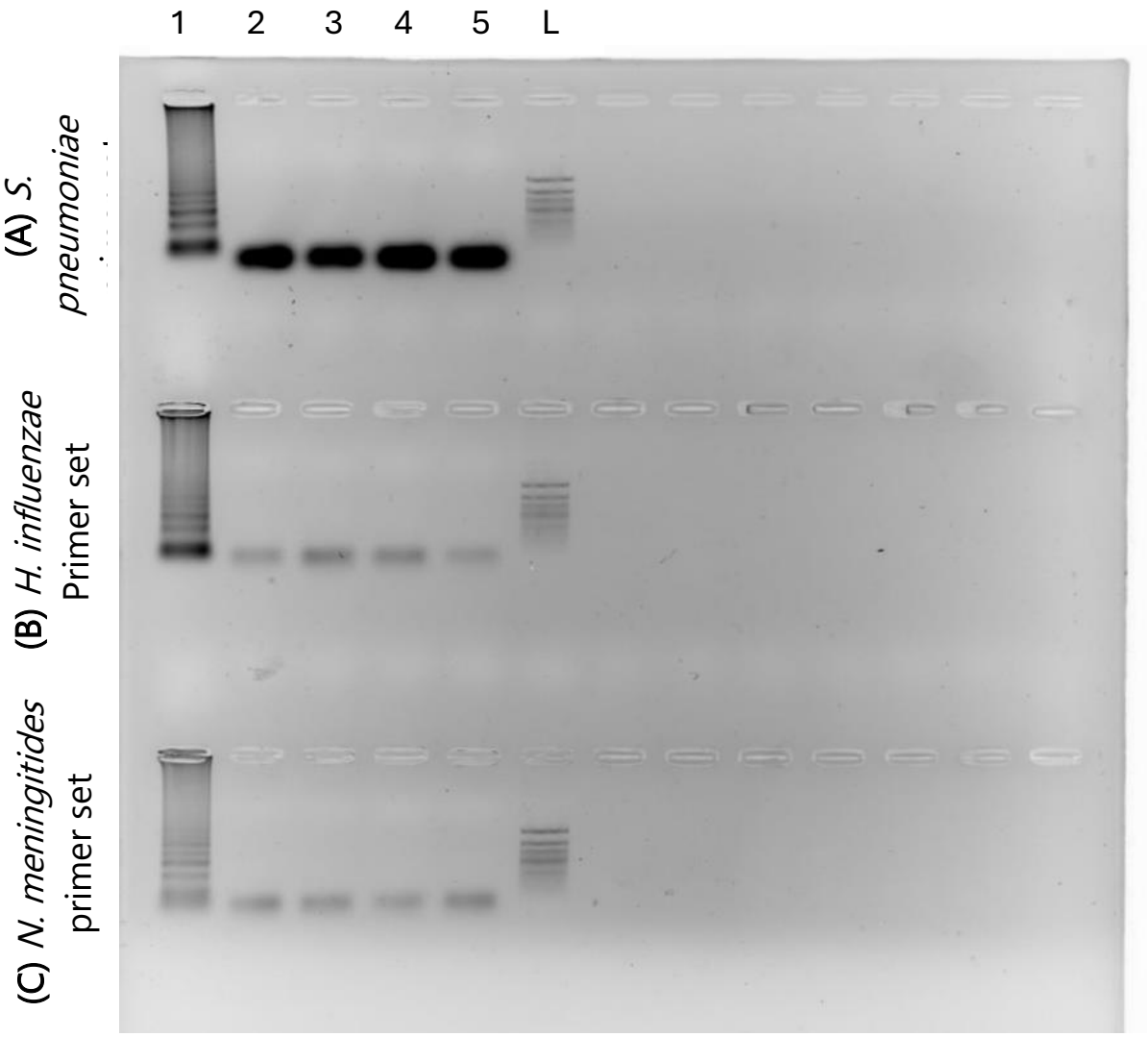


Figure S3. Testing of clinical samples by DAMP assay. Agarose 2% Gel electrophoresis of DAMP amplicons using **(A)** *S. pneumoniae* primer set, **(B)** *H. influenzae* primer set, and **(C)** *N. meningitidis* primer set. Reaction against the DNA exctracted from clinical samples conatining **(1)** Corresponding pathogen DNA, **(2)** *S. agalacticae*, **(3)** *S. aureus*, **(4)** *C. neoformans*, **(5)** non-infected CSF sample, **(L)** 50bp+ DNA Marker.