

Supplementary Material

Table S1. List of strains used in this study. Specificity and sensitivity test results for PNA-FISH probe at 60°C with 30% formamide.

Microorganisms	Origin	PNA-FISH Outcome
<i>L. pneumophila</i> (serogroup 2-15) ¹	Treated Drinking Water	+
<i>L. pneumophila</i> (serogroup 2-15) ¹	Isolate	+
<i>L. pneumophila</i> (serogroup 2-15) ¹	Isolate	+
<i>L. pneumophila</i> (serogroup 2-15) ¹	Isolate	+
<i>L. pneumophila</i> (serogroup 2-15) ¹	Isolate	+
<i>L. pneumophila</i> (serogroup 2-15) ¹	Isolate	+
<i>L. pneumophila</i> (serogroup 2-15) ¹	Isolate	+
<i>L. pneumophila</i> (serogroup 2-15) ¹	Isolate	+
<i>L. pneumophila</i> (serogroup 2-15) ¹	Isolate	+
<i>L. pneumophila</i> (serogroup 2-15) ¹	Isolate	+
<i>L. pneumophila</i> (serogroup 2-15) ¹	Isolate	+
<i>L. pneumophila</i> (serogroup 1) ¹	ATCC™ 33152	+
<i>L. pneumophila</i> (serogroup 1) ¹	Isolate	+
<i>L. pneumophila</i> (serogroup 1) ¹	Isolate	+
<i>L. pneumophila</i> (serogroup 1) ¹	Isolate	+
<i>L. pneumophila</i> (serogroup 1) ¹	Isolate	+
<i>L. pneumophila</i> (serogroup 1) ¹	Isolate	+
<i>L. pneumophila</i> (serogroup 1) ¹	Isolate	+
<i>L. pneumophila</i> (serogroup 1) ¹	Isolate	+
<i>L. pneumophila</i> (serogroup 1) ¹	Isolate	+
<i>L. pneumophila</i> (serogroup 1) ¹	Isolate	+
<i>L. micdadei</i> 94 ¹	External quality assessment	-
<i>L. feeleeii</i> 106 ¹	Thermal water	-
<i>L. feeleeii</i> 187 ¹	Cooling Tower Water	-
<i>L. feeleeii</i> 263 ¹	Treated Drinking Water	-

<i>Acinetobacter calcoaceticus</i> ²	Treated Drinking Water	-
<i>Aerococcus viridans</i> ¹	External quality assessment	-
<i>Aeromonas hydrofila</i> ¹	Environment	-
<i>Burkholderia cepacian</i> ²	Treated Drinking Water	-
<i>Enterobacter cloacae</i> ¹	Environment	-
<i>Enterobacter aerogenes</i> ¹	External quality assessment	-
<i>Enterococos faecalis</i> ¹	External quality assessment	-
<i>Escherichia coli</i> ¹	External quality assessment	-
<i>Klebsiella oxytoca</i> ¹	M237	-
<i>K. pneumoniae</i> ³	ATCC 48136	-
<i>K. pneumoniae</i> ³	M051	-
<i>K. pneumoniae</i> ³	I013	-
<i>K. pneumoniae</i> ³	S020	-
<i>K. pneumoniae</i> ³	P014	-
<i>K. pneumoniae</i> ³	M348	-
<i>L. anisa</i> ¹	ATCC 35292	-
<i>L. bozemanii</i> ¹	External quality assessment	-
<i>L. gormanii</i> ¹	Thermal water	-
<i>L. jamestowniensis</i> ¹	External quality assessment	-
<i>L. jordanis</i> ¹	External quality assessment	-
<i>L. longbeachae</i> ¹	External quality assessment	-
<i>L. oakridgensis</i> ¹	Thermal water	-
<i>Leifsonia aquatica</i> ¹	External quality assessment	-

<i>Micrococcus luteus</i> ¹	External quality assessment	-
<i>Pseudomonas fluorescens</i>	CECT 378	-
<i>Pseudomonas aeruginosa</i>	PAO1	-
<i>Pseudomonas aeruginosa</i> ¹	Environment	-
<i>Salmonella wentworth</i> ¹	External quality assessment	-
<i>Serratia liquefaciens</i> ¹	Environment	-
<i>Staphylococcus warnerii</i> ¹	Environment	-
<i>Staphylococcus aureus</i> ¹	External quality assessment	-
<i>Stenotrophomonas maltophilia</i> ²	Treated Drinking Water	-

¹INSA-DSA ASMIP; ²Simões et al. (2007) [29]; ³Chalmers University of Technology; ATCC - American Type Culture Collection; (+) Positive fluorescent for PNA-FISH; (-) Negative fluorescent for PNA-FISH;

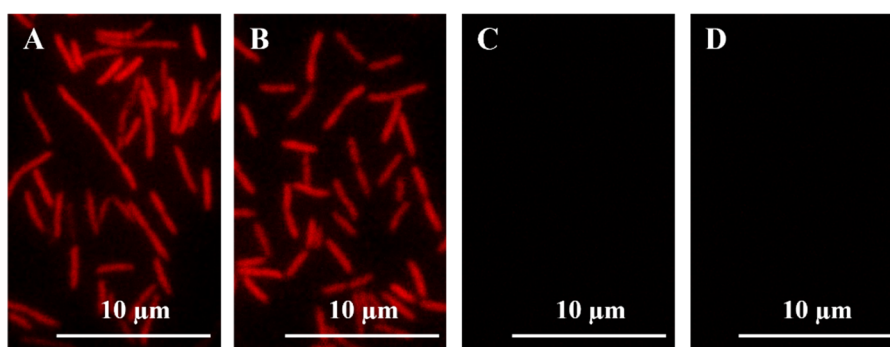


Figure S1. Specificity and sensitivity of the PNA-FISH probe for *L. pneumophila* serogroup 1, isolate 3 (A); *L. pneumophila* serogroup 2-15 (B); *L. micdadei* (C), and (D) *E. coli*. Images were obtained with equal exposure times.