Supplementary Material

A Diagnostic Chip for the Colorimetric Detection of *Legionella pneumophila* in Less than 3 h at the Point of Need

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3 types of water samples (i.e. drinking water, non-drinking water and drilling water) were used with known contamination concentration at 3 different levels: zero level (L_0, do not contain Legionella), medium level (L_1 > 1-2 x 10^2 CFU/100 mL), and high level (L_2 > 2 x 10^3 CFU/100 mL). In each case, 15 repetitive analyses were performed. Representative images of the results are shown in Table S1.

Table S1: Representative images are shown (out of 15) for each water type, spiked with *Legionella* concentration at three levels

Sample	Zero level (L_0)	Medium level (L_1)	High level (L_2)
Drinking water			
Drilling water			
Non-drinking water