



Supplementary Data

Evaluation of four lateral flow assays for the detection of Legionella urinary antigen

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Table S1. Legionella UAT results for Legionella positive cases as interpreted by automatic readers

Sample	Clinical result	BinaxNOW	ImmuView	STANDARD F	Sofia
P1	<i>L. pneumophila</i>	Positive	Positive	Positive	Positive
P2	<i>L. pneumophila</i>	Positive	Positive	Positive	Positive
P3	<i>L. pneumophila</i> (serogroup 1)	Positive	Positive	Positive	Positive
P4	<i>L. pneumophila</i> (serogroup 1)	Positive	Positive	Positive	Positive
P5	<i>L. pneumophila</i> (serogroup 1)	Positive	Positive	Positive	Positive
P6	<i>L. pneumophila</i> (serogroup 1)	Positive	Positive	Positive	Positive
P7	<i>L. pneumophila</i> (serogroup 1)	Positive	Positive	Positive	Positive
P8	<i>L. pneumophila</i> (serogroup 6)	Negative	Positive	Negative	Invalid
P9	<i>Legionella spp.</i>	Negative	Negative	Negative	Negative
P10	<i>Legionella spp. (L. bozemanii)</i>	Negative	Negative	Negative	Negative
P11	<i>Legionella spp. (L. bozemanii)</i>	Negative	Negative	Negative	Negative
P12	<i>Legionella spp. (L. longbeachae)</i>	Negative	Negative	Negative	Negative
P13	<i>Legionella spp. (L. longbeachae)</i>	Negative	Negative	Negative	Negative

Table S2. *Legionella* UAT results for negative controls as interpreted by automatic readers

Sample	Blood culture result	Respiratory culture result	BinaxNOW	ImmuView	STANDARD F	Sofia
N1	<i>S. pneumoniae</i>	<i>Proteus spp.</i>	Negative	Negative	Negative	Negative
N2	<i>S. aureus</i>	<i>S. aureus</i>	Negative	Negative	Negative	Negative
N3	<i>S. aureus</i>	<i>S. aureus</i>	Negative	Negative	Negative	Negative
N4	Group B <i>Streptococcus</i>	<i>S. aureus</i> and <i>M. catarrhalis</i>	Negative	Negative	Negative	Negative
N5	<i>S. pneumoniae</i>	<i>S. pneumoniae</i>	Negative	Negative	Negative	Negative
N6	<i>B. fragilis</i>	Negative (normal flora)	Negative	Positive	Negative	Negative
N7	<i>E. coli</i>	Negative (normal flora)	Negative	Positive	Positive	Positive
N8	<i>E. coli</i>	Negative (normal flora)	Positive	Negative	Negative	Negative
N9	<i>E. coli</i>	Negative (normal flora)	Negative	Negative	Negative	Negative
N10	<i>E. coli</i>	Negative (normal flora)	Negative	Negative	Negative	Negative
N11	<i>E. coli</i>	Negative (normal flora)	Negative	Negative	Negative	Negative
N12	<i>E. faecalis</i>	Negative (normal flora)	Negative	Negative	Negative	Negative
N13	<i>E. faecalis</i>	Negative (normal flora)	Negative	Negative	Negative	Negative
N14	<i>K. pneumoniae</i>	Negative (normal flora)	Negative	Positive	Negative	Positive
N15	<i>P. mirabilis</i>	Negative (normal flora)	Positive	Negative	Insufficient volume error	Negative
N16	<i>P. mirabilis</i>	Negative (normal flora)	Negative	Negative	Negative	Negative
N17	<i>S. aureus</i>	Negative (normal flora)	Negative	Negative	Negative	Negative
N18	<i>S. pneumoniae</i>	Negative (normal flora)	Negative	Negative	Negative	Negative
N19	<i>E. coli</i>	No result	Negative	Negative	Negative	Negative
N20	Negative	<i>C. albicans</i>	Positive	Positive	Positive	Positive
N21	Negative	<i>H. influenzae</i>	Negative	Negative	Negative	Negative
N22	Negative	<i>H. influenzae</i>	Negative	Negative	Negative	Negative
N23	Negative	<i>H. influenzae</i>	Negative	Negative	Negative	Negative
N24	Negative	<i>H. influenzae</i>	Negative	Negative	Negative	Negative
N25	Negative	<i>K. pneumoniae</i>	Negative	Negative	Negative	Negative
N26	Negative	<i>M. catarrhalis</i>	Negative	Negative	Negative	Negative
N27	Negative	<i>M. catarrhalis</i>	Negative	Negative	Negative	Negative
N28	Negative	<i>M. catarrhalis</i>	Negative	Negative	Negative	Negative
N29	Negative	<i>M. catarrhalis</i>	Negative	Negative	Negative	Negative
N30	Negative	<i>M. catarrhalis</i>	Negative	Negative	Negative	Negative
N31	Negative	<i>M. catarrhalis</i>	Negative	Negative	Negative	Negative
N32	Negative	<i>M. catarrhalis</i>	Negative	Negative	Negative	Negative
N33	Negative	<i>M. catarrhalis</i>	Negative	Negative	Negative	Negative

Supplementary data – Wong et al. 2021.

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N34	No result	<i>M. tuberculosis</i>	Negative	Negative	Negative	Negative
N35	Negative	Negative (PCR: SARS-COV-2)	Negative	Negative	Negative	Negative
N36	Negative	<i>S. aureus</i>	Negative	Negative	Negative	Negative
N37	Negative	<i>S. pneumoniae</i>	Negative	Negative	Negative	Negative
N38	Negative	<i>S. pneumoniae</i>	Negative	Negative	Negative	Negative
N39	Negative	<i>S. pneumoniae</i>	Negative	Negative	Negative	Negative
N40	Negative	Unspecified yeast	Negative	Negative	Negative	Negative
