

COMPREHENSIVE LEGIONELLA DETECTION

Processing Steps	Typical Labs	Special Pathogens Laboratory
1. Culture		
Media: 3 types (1 non-selective + 2 selective)	✗	✓
2. Processing		
a. Direct plating	✓	✓
b. Concentration of potable samples	✗	✓
c. Pre-treatment with acid	✓	✓
d. Pre-treatment with heat	✗	✓
3. Identification (ID)		
a. Latex Agglutination (Gives presumptive ID of Lp1, Lp2-14, or L. species)	✓	✓
b. Confirmation ID using Direct Fluorescent Antibody stain (DFA)	✗	✓
~ Legionella pneumophila sg 1	✗	✓
~ Legionella pneumophila sg 2-6	✗	✓
~ All 15 serogroups of pneumophila (pos/neg)	✗	✓
~ Multiple species test (14 species, 19 serogroups)	✗	✓
~ Individual species (19 species)	✗	✓
c. DNA sequencing	✗	✓
+ FREE		
Sampling supplies	✗	✓
Testing consults with The Legionella Experts	✗	✓