

# IMMUVIEW®

*L. pneumophila* & *L. longbeachae*



- The only rapid test that detects both *Legionella* & *longbeachae*
- 3 simple steps - results in 15 min.

Serogroups: 1, 2, 5, 6, 7, 8, 9, 10, 12, 13, 14, 15



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## EXPECT MORE WHEN DETECTING LEGIONELLA



# UNCOMMON *LEGIONELLA* INFECTIONS

*Legionella longbeachae* is the second most common *Legionella* species causing human infections and is found in soil like potting mix or compost heaps.<sup>1</sup>

Products testing for *Legionella* usually cannot test for more than serogroup 1, so why not expect more when detecting *Legionella pneumophila*?

With ImmuView® *L. pneumophila* & *L. longbeachae* Urinary Antigen Test, it is possible to detect broader with just one test.

## Australia, November 2022

- “Cases of people developing *Legionella longbeachae* infections have been much higher in Queensland and New South Wales this year, compared to the previous five years<sup>2</sup>”
- “Queensland has recorded 86 cases (*Legionella*) so far this year – more than three times the 2017-21 average for this time of the year<sup>2</sup>”
- “Experts believe that real figures are likely to be much higher with some infections going undiagnosed<sup>2</sup>”
- “It is very serious and people should take the appropriate precautions when they are handling potting mix<sup>2</sup>”

## Italy

### Why detecting broader is a good idea.

A study in Italy showed the following:

- “In September 2018 in Brescia province, northern Italy, an outbreak of Legionnaires’ disease (LD) caused by *Legionella pneumophila* serogroup 2 (Lp2) occurred<sup>4</sup>”
- “All cases were negative by urinary antigen test (UAT) and most were diagnosed by real-time PCR and serology<sup>4</sup>”
- “This outbreak, underlining the importance of adopting multiple tests to ensure that serogroups other than serogroup 1, as well as other *Legionella* species, are identified<sup>4</sup>”

## Sweden, June 2018

- “Unusually many have been infected by a rare variant of *Legionella* bacteria. common to most people who have been infected is that they have handled garden soil<sup>5</sup>”
- “A diagnosis of LD (Legionnaires’ disease) should be considered for individuals with community-acquired pneumonia who report gardening and using bagged soil before onset of disease<sup>5</sup>”

Another study on the same outbreak in Sweden also emphasized the importance of paying attention to handling potting soil.

- “In conclusion, although we were not able to confirm an exact source for this outbreak of *L. non-pneumophila* and particularly *L. longbeachae*, the case-control study indicated that handling soil was associated with disease; the isolation of *L. longbeachae* from different soils from cases’ homes or gardens provided further evidence that handling soil is a risk for contracting *L. non-pneumophila* infections<sup>7</sup>”



## Scotland

- “The reported incidence of *Legionnaires’* disease caused by *Legionella longbeachae* has increased since 2008 in Scotland<sup>3</sup>”
- “Unfortunately cases of community acquired pneumonia caused by *Legionella* species will continue to be under-diagnosed unless routine testing criteria changes<sup>3</sup>”

## Other *L. longbeachae* cases

