

VRapid® Legionella Culture

Rapid identification of positive cultures

Immuno-chromatographic test for the detection and identification of *Legionella* genus, *L. pneumophila* serogroup 1 and *L. pneumophila* serogroups 1-15 in samples from bacterial cultures.

- Rapid detection in 30 minutes
- Multitest format for the identification of the main groups with clinical interest
- Based on specific and highly purified MAb
- Allows for detection of all Legionella species
- 99% sensitivity and 100% specificity
- Easy to use and minimum handling required
- Product control line in each device
- All reagents included in the kit



Ref. VR002 25 tests



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Cases of legionellosis frequently appear as outbreaks in the community, tourism and nosocomial field so this disease is considered a public health problem and its prevention and control is highly legislated.

Facilities

The legislation applies to facilities that use water in their operation, produce aerosols and are located on the inside or outside of buildings for collective use, industrial facilities or means of transportation that may be susceptible of becoming hot spots for the spread of the disease. The periodicity of the *Legionella* analysis depends on the facility involved and its location.

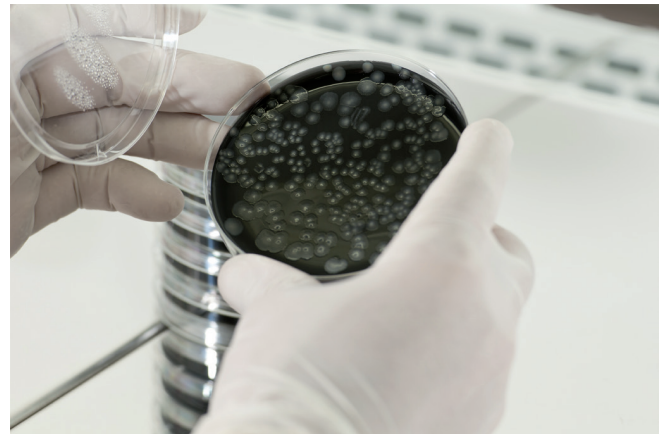
Laboratories

Legionella analysis should be performed in accredited laboratories for the isolation of *Legionella* in water or in laboratories that have implemented a quality control system for this type of testing.

It is important to remark that for the appropriate monitoring of a facility treatment it is necessary, not only to acknowledge the presence of the bacterium, but to establish its viability.

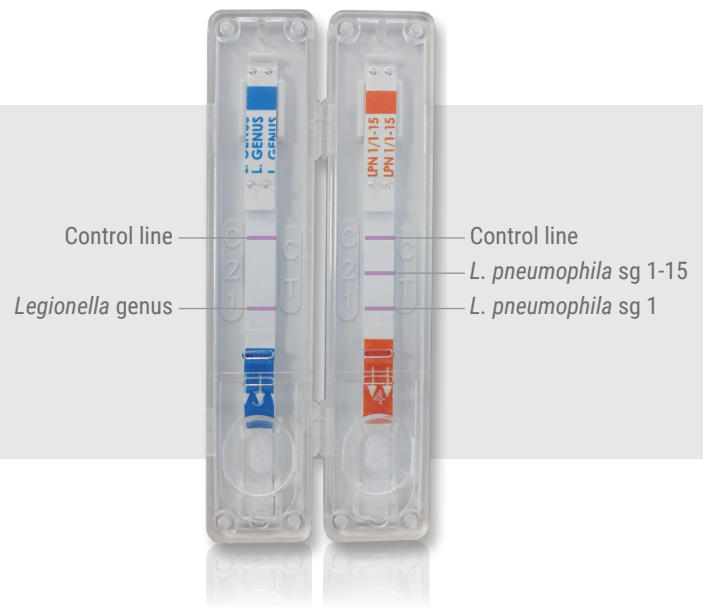
Preferred method

It is based on the concentration of the sample and the subsequent treatments carried out to allow the survival of *Legionella* genus and to reduce or eliminate the accompanying microbiotics. Subsequently, the use of a culture media to detect and recount the *Legionella* genus bacteria present in the sample is required. Finally, it is necessary to confirm the presence of *Legionella pneumophila*, especially serogroup 1, due to clinical relevance of this species.



LPN1, LPN1-15 and *Legionella* genus

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	Sensitivity (%)	Specificity (%)
LPN1	97	100
LPN1-15	100	100
<i>Legionella</i> genus	100	100
Total	99	100

Samples tested: 204