

Food and Environmental Proficiency Testing Unit

Laboratory identification no.
(check):

Dispatch date:

17 February 2025

Final date for return of results:

28 March 2025

Results to be returned via an online
survey as per LINK: [LM16 online](#)

Contact details:

The Organisers - FEPTU
UK Health Security Agency
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0006

[Legionella Molecular - Food and Environmental Proficiency Testing Unit](#)

Legionella Molecular Scheme - Request/Report Form

Distribution No: LM16

Sample numbers: LM16A and LM16B

Download the instruction sheet:

[Legionella Molecular Scheme - Instruction Sheet](#)

Download the safety data sheet:

[Safety Data Sheet - LENTICULE](#)

If you cannot examine any of these samples return your results as 'Not examined'

Request:

- (i) Examine for the presence of legionellae
- (ii) Quantify legionellae in samples

Results		LM16A	LM16B
Enter detected or not detected			
Detection	<i>Legionella pneumophila</i>		
	<i>Legionella</i> spp. (including <i>L. pneumophila</i>)		
Quantification GU L-1	<i>Legionella pneumophila</i>		
	<i>Legionella</i> spp.		
CT values	<i>Legionella pneumophila</i>		
	<i>Legionella</i> spp.		

Authorised by:

Date reported:

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METHOD QUESTIONNAIRE – not all findings will be presented in the scheme report (include as much detail as possible or references):

What standards do you follow?							
Briefly describe your concentration process e.g. Filter 1 L sample on 0.2 µm membrane and then re-suspend into 1 mL molecular grade water							
Provide the details of your DNA extraction method or commercial kit Include company name, kit name, protocol(s) if applicable: e.g., Roche MagNaPure compact nucleic acid isolation kit I							
What volume of extracted DNA is used for your assay?							
State if you use conventional RT-PCR or real-time RT-PCR							
If using a commercial kit for your assay Please provide company name, kit name: e.g., BioRad, iQ-check Quanti <i>L. pneumophila</i> kit							
Please complete the Cycle information tables	Pre-incubation:						
	Time (hh:mm:ss)			Temperature (°C)			
	Cycle information:						
	Parameter	Initial denaturation	Cycling				Final cooling
	Cycles	x1	x.....				x1
	Temperature (°C)		Step 1:	Step 2:	Step 3:	Step 4:	
Hold (hh:mm:ss)							
Other:							

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Amplification platform used e.g. Qiagen Rotor-Gene Q MDx, BioRad CFX96 Touch Deep well		
Provide the limit of detection (LOD) for your assay	e.g., 80 GU L ⁻¹	
Provide the limit of quantification (LOQ) for your assay	e.g. 512 GU L ⁻¹	
Please use this space for any additional comments you feel are relevant or general comments about the scheme		