UK Health Security Agency

Store LENTICULE® samples at -20°C ± 5°C

Food and Environmental Proficiency Testing Unit

Laboratory identification no. (check): **lab No.**

Dispatch date: **01 August 2022**

Final date for return of results: **09 September 2022**

Results to be returned via an online link: LM11 online results entry

Contact details:
The Organisers - FEPTU
UK Health Security Agency
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UKAS PROFICIENCY TESTING
0006

Legionella Molecular Scheme - Request/Report Form

Distribution No: LM11	**Sample numbers: LM11A and LM11B**
Download the instruction sheet:	www.gov.uk/government/publications/legionella-molecular-scheme-sample-instruction-sheet
Download the safety data sheet:	www.gov.uk/government/publications/safety-data-sheet-for-lenticules
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		**LM11A**	**LM11B**
		Enter detected or not detected	
Detection	*Legionella pneumophila*		
	Legionella spp. (including *L. pneumophila*)		
Quantification GU L^{-1}	*Legionella pneumophila*		
	Legionella spp.		
CT values	*Legionella pneumophila*		
	Legionella 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 *L. pneumophila* kit	

Please complete the Cycle information tables

Pre-incubation:

Time (hh:mm:ss)		**Temperature (°C)**	

Cycle information:

Parameter	**Initial denaturisation**	**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	