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| Store LENTICULE® samples at -20°C ± 5°C  **Food and Environmental Proficiency Testing Unit** | | | | | | | | |
| Laboratory identification no. (check): | | | **Lab No**  **Results to be returned via an online survey as per email sent to your laboratory** | | | | | |
| Dispatch date: | | | **XX XXXX 20XX** | | | | | |
| Final date for return of results: | | | **XX XXXX 20XX** | | | | | |
| **Contact details:**  The Organisers - FEPTU  Public Health England  61 Colindale Avenue,  London, NW9 5EQ, UK.  Fax: +44 (0) 20 8200 8264  Tel: +44 (0) 20 8327 7119  e-mail: foodeqa@phe.gov.uk | | |  | | | | | |
| 0006 | | | | | | | | |
| ***Legionella* Molecular Scheme - Request/Report Form** | | | | | | | | | |
| **Distribution No: LMX** | | | | **Sample numbers: LMXA and LMXB** | | | | | |
| Download the instruction sheet: | | | | [www.gov.uk/government/publications/legionella-molecular-scheme-sample-instruction-sheet](http://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](http://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:** | 1. Examine for the presence of legionellae 2. Quantify legionellae in samples | | | | | | | | |
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| **Results** | | | | | **LMXA** | | **LMXB** | |
| Enter detected or not detected | | | | | | | | |
| **Detection** | | *Legionella pneumophila* | | |  | |  | |
| *Legionella* spp. (not *L. pneumophila*) | | |  | |  | |
| **Quantification**  **GU L-1** | | *Legionella pneumophila* | | |  | |  | |
| *Legionella* spp. | | |  | |  | |
| **CT values** | | *Legionella pneumophila* | | |  | |  | |
| *Legionella* spp. | | |  | |  | |

Authorised by: Date reported:

**Food and Environmental Proficiency Testing Unit**

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**Laboratory Identification no. Lab No**

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

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| **What standards do you follow?** |  |

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| **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 |  |

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| **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 |  |

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| **What volume of extracted DNA is used for your assay?** |  |

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| **State if you use conventional**  **RT-PCR or real-time RT-PCR** |  |

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| **If using a commercial kit for your assay**  Please provide company name, kit name: e.g., BioRad, iQ-check Quanti *L. pneumophila* kit |  |

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| **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:** |

**Food and Environmental Proficiency Testing Unit**

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| **Amplification platform used**  e.g.Qiagen Rotor-Gene Q MDx,  BioRad CFX96 Touch Deep well |  |

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| **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** |  |