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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 - FEPTUPublic Health England61 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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**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 |  |

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| --- | --- |
| **Please use this space for any additional comments you feel are relevant or general comments about the scheme**  |  |