

Legionella Molecular Scheme – Preliminary Intended Results Notification

These results are provided for guidance and are determined from the examinations undertaken during quality control testing of the samples. The quantification results may show minor variations from the final results, which are calculated from the participants' consensus results, and included in the distribution report.

Distribution: **LM16** Samples: **LM16A and LM16B**

Intended results:

		LM16A	LM16B
Isolation of legionellae		Detected	Detected
Identification		<i>Legionella pneumophila</i>	<i>Legionella longbeachae</i>
Quantification GU L⁻¹ (Genomic units per Litre)	<i>L. pneumophila</i>	5.6x10 ⁴	Not detected (LOD <1.2x10 ²)
	<i>Legionella</i> spp. including <i>L. pneumophila</i>	2.7x10 ⁴	2.7x10 ⁵

FEPTU's results were obtained using: Biorad iQ-Check screen *L. pneumophila*, Biorad iQ-Check screen *Legionella* spp. and Biorad iQ-Check *Legionella* quantification standards kits.

Sample contents:

LM16A	<i>L. pneumophila</i> serogroup 5 ST728, <i>Brevibacillus laterosporus</i> and <i>Pseudomonas fluorescens</i>
LM16B	<i>L. longbeachae</i> , <i>Enterococcus faecalis</i> and <i>P. fluorescens</i>

Laboratory identification numbers of participants who did not return results this distribution:

The distribution report providing details of your individual performance and an analysis of all participants' results will be dispatched within three weeks. The report may also include sample specific comments.

Repeat samples are available for up to one year from date of this letter for participants who experienced problems with any of the examination. There is no need to wait until you have received the report to order repeat samples.

The next distribution of Legionella Molecular Scheme samples will be dispatched during the week beginning 28 July 2025.

If you require any technical advice or wish to make comments or suggestions relating to the scheme please contact us.

Validated by:

Divya George
Healthcare Science
Specialist

Date: 31 March 2025



0006

UK Health Security Agency, Food and Environmental Proficiency Testing Unit (FEPTU), 61 Colindale Avenue, London, NW9 5EQ, United Kingdom Tel: +44 20 8327 7119 email: foodeqa@ukhsa.gov.uk