

Certificate of Analysis

Product Code:	LIS1-0480
Product:	Solus ONE <i>Listeria</i> ELISA (5 plate)
LOT/Batch:	NDL008
Date of Manufacture/Test:	11.06.2018
Expiry Date:	10.09.2019 (3 month extension to shelf life)

This batch has been quality control tested to the following criteria:

Batch homogeneity: CV%	< 10%.
A panel of 10 non- <i>Listeria spp.</i>	<u>Satisfactory</u>
A panel of 9 <i>Listeria spp</i>	<u>Satisfactory</u>

Performance of In house Reference Standards

Sample	Net Signal OD	OD Specification
<i>L. monocytogenes</i> 4a LMG16783 5x10 ⁴	1.439	>0.500
<i>L. monocytogenes</i> 4a LMG16783 10 ⁵	>2.50	>1.500
<i>L. monocytogenes</i> 4a LMG16783 10 ⁶	>2.50	>2.000
<i>L. innocua</i> wild type 5x10 ⁴	0.546	>0.500
<i>L. innocua</i> wild type 10 ⁵	>2.50	>1.500
<i>L. innocua</i> wild type 10 ⁶	>2.50	>2.000
<i>L. welshimeri</i> LMG11389 5x10 ⁴	1.338	>0.500
<i>L. welshimeri</i> LMG11389 10 ⁵	>2.50	>1.500
<i>L. welshimeri</i> LMG11389 10 ⁶	>2.500	>2.000

Solus Scientific Solutions Ltd

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Registered Address: East Kilbride Laboratory, Torus Building, Rankine Avenue, East Kilbride, Glasgow, Lanarkshire G75 0QF Company Reg. No. SC361616, Registered in Scotland VAT No 982 2304 24

Net Optical Densities of samples grown in SOLO at 30.0°C for 24 hours and boiled at 85-100°C for 20 minutes.

	1	2	3
A	Negative control 0.007	<i>D5 L. ivanovii</i> >2.500	<i>E9 Bacillus cereus</i> 0.017
B	Positive control >2.500	<i>D9 L. monocytogenes</i> >2.500	<i>A8 E. coli</i> 0.014
C	Substrate blank 0.045	<i>D8 L. monocytogenes</i> >2.500	<i>C1 Staphylococcus aureus</i> 0.069
D	<i>C10 L. monocytogenes</i> >2.500	<i>D7 L. monocytogenes</i> >2.500	<i>E2 E. coli (WT)</i> 0.010
E	<i>G10 L. innocua</i> >2.500	<i>AH10 L. ivanovii londoniensis</i> >2.500	<i>N1 Bacillus licheniformis</i> 0.008
F	<i>D2 L. grayii (BHIB)</i> >2.500	<i>M6 Bacillus spp (WT)</i> 0.100	<i>E6 Enterococcus faecalis</i> 0.013
G	<i>D1 L. monocytogenes</i> >2.500	<i>F1 Streptococcus bovis</i> 0.012	Absorbances read at 450nm
H	<i>D6 L. welshimeri</i> >2.500	<i>F10 Enterococcus faecalis (WT)</i> 0.013	

Production Batch is approved for release as it gives satisfactory QC performance.

Signed: Operations director/Technical director/CEO



Date: 11/3/19.

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