

Certificate of Analysis

Product Code:	LIS-0480S
Product:	Solus <i>Listeria</i> ELISA (5 plate)
LOT/Batch:	EL133
Date of Manufacture/Test:	09.12.2019
Expiry Date:	08.12.2020

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

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

Performance of In house Reference Standards

Sample (cfu/ml)	Net Signal OD	OD Specification
C10 <i>L. monocytogenes</i> ATCC 13932 10 ⁶	0.664	>0.400
C10 <i>L. monocytogenes</i> ATCC 13932 10 ⁷	>2.500	>2.000
D5 <i>L. ivanovii</i> ATCC 19119 10 ⁶	0.290	>0.250
D5 <i>L. ivanovii</i> ATCC 19119 10 ⁷	>2.500	>2.000
D6 <i>L. welshimeri</i> ATCC 35897 10 ⁶	>2.500	>1.500
D6 <i>L. welshimeri</i> ATCC 35897 10 ⁷	>2.500	>2.000
D7 <i>L. monocytogenes</i> ATCC 19111 10 ⁶	0.737	>0.400
D7 <i>L. monocytogenes</i> ATCC 19111 10 ⁷	>2.500	>2.000
G3 <i>L. innocua</i> (wild type) 10 ⁶	0.854	>0.250
G3 <i>L. innocua</i> (wild type) 10 ⁷	>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 RELM at 30.0°C for 24 hours and boiled at 85-100°C for 20 minutes.

	1	2	3
A	Negative control 0.029	<i>D5 L. ivanovii</i> >2.500	<i>E9 Bacillus cereus</i> 0.029
B	Positive control >2.500	<i>D9 L. monocytogenes</i> >2.500	<i>A8 E. coli</i> 0.021
C	Substrate blank 0.051	<i>D8 L. monocytogenes</i> >2.500	<i>C1 Staphylococcus aureus</i> 0.030
D	<i>C10 L. monocytogenes</i> >2.500	<i>D7 L. monocytogenes</i> >2.500	<i>E2 E. coli (WT)</i> 0.025
E	<i>G10 L. innocua</i> >2.500	<i>D10 L. seeligeri</i> 1.617	<i>E8 Brochothrix thermosphacta</i> 0.018
F	<i>D2 L. grayii (BHIB)</i> >2.500	<i>E7 Kurthia zopfii</i> 0.029	<i>E6 Enterococcus faecalis</i> 0.023
G	<i>D1 L. monocytogenes</i> >2.500	<i>F1 Streptococcus bovis</i> 0.020	Absorbances read at 450nm
H	<i>D6 L. welshimeri</i> >2.500	<i>F10 Enterococcus faecalis</i> (WT) 0.034	

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

Signed: ~~Operations director~~/Technical director/CEO



Date: 16/12/19.

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