

Certificate of Analysis

Product Code: LIS-0096S
Product: Solus *Listeria* ELISA (1 plate)
LOT/Batch: EL137
Date of Manufacture/Test: 24.02.2020
Expiry Date: 23.02.2021

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

Batch homogeneity: CV% < 10%.
 A panel of 9 non-*Listeria* spp: Satisfactory
 A panel of 10 *Listeria* spp: Satisfactory

Performance of In house Reference Standards

Sample (cfu/ml)	Net Signal OD	OD Specification
C10 <i>L. monocytogenes</i> ATCC 13932 10 ⁶	>2.500	>0.400
C10 <i>L. monocytogenes</i> ATCC 13932 10 ⁷	>2.500	>2.000
D5 <i>L. ivanovii</i> ATCC 19119 10 ⁶	1.790	>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	>2.500	>0.400
D7 <i>L. monocytogenes</i> ATCC 19111 10 ⁷	>2.500	>2.000
G3 <i>L. innocua</i> (wild type) 10 ⁶	>2.500	>0.250
G3 <i>L. innocua</i> (wild type) 10 ⁷	>2.500	>2.000

Solus Scientific Solutions Ltd

9 Mansfield Networkcentre, Millennium Business Park, Concorde Way, Mansfield, Nottinghamshire NG19 7JZ

Tel +44 (0)1623 429701 Fax +44 (0)1623 620977 Email enquiries@solusscientific.com

Web www.solusscientific.com

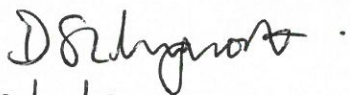
Registered Address: East Kilbride Laboratory, Torus Building, Rankine Avenue, East Kilbride, Glasgow, Lanarkshire G75 0QF Company Reg. No. SC361616, Registered in Scotland VAT No 982 2304 24

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 0.011	<i>D5 L. ivanovii</i> >2.500	<i>E9 Bacillus cereus</i> 0.005
B	Positive control >2.500	<i>D9 L. monocytogenes</i> >2.500	<i>A8 E. coli</i> 0.016
C	Substrate blank 0.048	<i>D8 L. monocytogenes</i> >2.500	<i>C1 Staphylococcus aureus</i> 0.015
D	<i>C10 L. monocytogenes</i> >2.500	<i>D7 L. monocytogenes</i> >2.500	<i>E2 E. coli (WT)</i> 0.008
E	<i>G10 L. innocua</i> >2.500	<i>D10 L. seeligeri</i> 1.840	<i>E8 Brochothrix thermosphacta</i> 0.007
F	<i>D2 L. grayii (BHIB)</i> >2.500	<i>E7 Kurthia zopfii</i> 0.010	<i>E6 Enterococcus faecalis</i> 0.015
G	<i>D1 L. monocytogenes</i> >2.500	<i>F1 Streptococcus bovis</i> 0.007	Absorbances read at 450nm
H	<i>D6 L. welshimeri</i> >2.500	<i>F10 Enterococcus faecalis</i> (WT) 0.013	

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

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



Date: 13/3/20.

Solus Scientific Solutions Ltd

9 Mansfield Networkcentre, Millennium Business Park, Concorde Way, Mansfield, Nottinghamshire NG19 7JZ

Tel +44 (0)1623 429701 Fax +44 (0)1623 620977 Email enquiries@solusscientific.com

Web www.solusscientific.com

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