

Certificate of Analysis

Product Code:	LIS-0480S
Product:	Solus <i>Listeria</i> ELISA (5 plate)
LOT/Batch:	EL129
Date of Manufacture/Test:	07.10.2019
Expiry Date:	06.10.2020

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

Batch homogeneity: CV%	< 10%.
A panel of 9 non- <i>Listeria</i> sp.	<u>Satisfactory</u>
A panel of 10 <i>Listeria</i> sp.	<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	1.907	>0.400
C10 <i>L. monocytogenes</i> ATCC 13932 10 ⁷	>2.500	>2.000
D5 <i>L. ivanovii</i> ATCC 19119 10 ⁶	0.698	>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	2.067	>0.250
G3 <i>L. innocua</i> (wild type) 10 ⁷	>2.500	>2.000

Solus Scientific Solutions Ltd

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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 0.030	<i>D5 L. ivanovii</i> >2.500	<i>E9 Bacillus cereus</i> 0.036
B	Positive control >2.500	<i>D9 L. monocytogenes</i> >2.500	<i>A8 E. coli</i> 0.026
C	Substrate blank 0.052	<i>D8 L. monocytogenes</i> >2.500	<i>C1 Staphylococcus aureus</i> 0.048
D	<i>C10 L. monocytogenes</i> >2.500	<i>D7 L. monocytogenes</i> >2.500	<i>E2 E. coli (WT)</i> 0.027
E	<i>G10 L. innocua</i> >2.500	<i>D10 L. seeligeri</i> >2.500	<i>E8 Brochothrix thermosphacta</i> 0.019
F	<i>D2 L. grayii (BHIB)</i> >2.500	<i>E7 Kurthia zopfii</i> 0.036	<i>E6 Enterococcus faecalis</i> 0.035
G	<i>D1 L. monocytogenes</i> >2.500	<i>F1 Streptococcus bovis</i> 0.024	Absorbances read at 450nm
H	<i>D6 L. welshimeri</i> >2.500	<i>F10 Enterococcus faecalis</i> (WT) 0.037	

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

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

D Schignworth

Date: 15/10/19

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