

Certificate of Analysis

Product Code: SAL-0480S
Product: Solus *Salmonella* ELISA (5 plate)
LOT/Batch: ES143
Date of Manufacture/Test: 26.02.2019
Expiry Date: 25.02.2020

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

Batch homogeneity CV%: <10%
 A panel of 8 non- *Salmonella* sp.: Satisfactory
 A panel of 19 *Salmonella* sp.: Satisfactory

Performance of In house Reference Standards

Sample	Net Signal OD	OD Specification
B6 <i>Salmonella</i> Enteritidis 10 ⁶ per ml	1.821	>1.000
B6 <i>Salmonella</i> Enteritidis 10 ⁷ per ml	>2.50	>2.000
B7 <i>Salmonella</i> Typhimurium 10 ⁶ per ml	0.855	>0.750
B7 <i>Salmonella</i> Typhimurium 10 ⁷ per ml	>2.50	>2.000

Net Optical Densities of samples grown in RVS at 41.5°C for 24 hours and boiled at 85-100°C for 20 minutes

	1	2	3	4
A	Negative control 0.017	<i>Klebsiella pneumonia</i> 0.029	<i>Salmonella</i> Montevideo >2.50	<i>Salmonella arizonae</i> NCTC 7301 – 0.847
B	Positive control >2.50	<i>Shigella sonnei</i> 0.044	<i>Salmonella</i> Goldcoast >2.50	<i>Salmonella</i> Nitra >2.50
C	Substrate blank 0.062	<i>Serratia liquifaciens</i> 0.026	<i>Salmonella</i> Essen >2.50	<i>Salmonella</i> Livingstone 1.697
D	<i>Staph. aureus</i> 0.054	<i>Salmonella</i> Heves >2.50	<i>Salmonella</i> Typhimurium >2.50	<i>Salmonella</i> Ealing 0.671
E	<i>Citrobacter freundii</i> 0.015	<i>Salmonella</i> Seftenburg >2.50	<i>Salmonella</i> Enteritidis 2.248	<i>Salmonella</i> Brazil 2.312
F	<i>Serratia marcescens</i> 0.018	<i>Salmonella</i> Poona >2.50	<i>Salmonella</i> Dublin >2.50	<i>Salmonella</i> Kirkee 1.840
G	<i>E. coli</i> 0.046	<i>Salmonella</i> Nottingham 2.135	<i>Salmonella</i> Anatum >2.50	Absorbances read at 450nm
H	<i>Proteus mirabilis</i> 0.020	<i>Salmonella</i> Aberdeen 2.441	<i>Salmonella</i> Adelaide 0.830	

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

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



Date:

5/3/19

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