

Certificate of Analysis

Product Code: SAL-0480S
Product: Solus *Salmonella* ELISA (5 plate)
LOT/Batch: ES154
Date of Manufacture/Test: 28.10.2019
Expiry Date: 27.10.2020

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	1.562	>1.000
B6 <i>Salmonella</i> Enteritidis 10 ⁷ per ml	>2.500	>2.000
B7 <i>Salmonella</i> Typhimurium 10 ⁶ per ml	1.375	>0.750
B7 <i>Salmonella</i> Typhimurium 10 ⁷ per ml	>2.500	>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 0.019	<i>Klebsiella pneumonia</i> 0.023	<i>Salmonella</i> Montevideo >2.500	<i>Salmonella arizonae</i> NCTC 7349 – 0.428
B	Positive control >2.500	<i>Shigella sonnei</i> 0.018	<i>Salmonella</i> Goldcoast >2.500	<i>Salmonella</i> Nitra >2.500
C	Substrate blank 0.050	<i>Serratia liquifaciens</i> 0.038	<i>Salmonella</i> Essen >2.500	<i>Salmonella</i> Livingstone 2.086
D	<i>Staph. aureus</i> 0.017	<i>Salmonella</i> Heves 1.645	<i>Salmonella</i> Typhimurium >2.500	<i>Salmonella</i> Ealing 0.510
E	<i>Citrobacter freundii</i> 0.019	<i>Salmonella</i> Seftenburg >2.500	<i>Salmonella</i> Enteritidis >2.500	<i>Salmonella</i> Brazil >2.500
F	<i>Serratia marcescens</i> 0.018	<i>Salmonella</i> Poona 2.200	<i>Salmonella</i> Dublin >2.500	<i>Salmonella</i> Kirkee 1.994
G	<i>E. coli</i> 0.021	<i>Salmonella</i> Nottingham 2.112	<i>Salmonella</i> Anatum >2.500	Absorbances read at 450nm
H	<i>Proteus mirabilis</i> 0.017	<i>Salmonella</i> Aberdeen 2.034	<i>Salmonella</i> Adelaide 0.628	

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

Signed: Operations director/Technical director/CEO



Date:

5/11/19

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