

## Certificate of Analysis

**Product Code:** SAL-0480S  
**Product:** Solus *Salmonella* ELISA (5 plate)  
**LOT/Batch:** ES152  
**Date of Manufacture/Test:** 16.09.2019  
**Expiry Date:** 15.09.2020

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 <sup>6</sup> per ml	2.131	> 1.000
B6 <i>Salmonella</i> Enteritidis 10 <sup>7</sup> per ml	>2.500	>2.000
B7 <i>Salmonella</i> Typhimurium 10 <sup>6</sup> per ml	0.797	>0.750
B7 <i>Salmonella</i> Typhimurium 10 <sup>7</sup> 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 0.040	<i>Klebsiella pneumoniae</i> 0.044	<i>Salmonella</i> Montevideo >2.500	<i>Salmonella arizonae</i> NCTC 7349 – 0.520
B	Positive control >2.500	<i>Shigella sonnei</i> 0.041	<i>Salmonella</i> Goldcoast >2.500	<i>Salmonella</i> Nitra >2.500
C	Substrate blank 0.044	<i>Serratia liquifaciens</i> 0.045	<i>Salmonella</i> Essen >2.500	<i>Salmonella</i> Livingstone >2.500
D	<i>Staph. aureus</i> 0.068	<i>Salmonella</i> Heves 2.036	<i>Salmonella</i> Typhimurium >2.500	<i>Salmonella</i> Ealing 0.661
E	<i>Citrobacter freundii</i> 0.039	<i>Salmonella</i> Seftenburg >2.500	<i>Salmonella</i> Enteritidis >2.500	<i>Salmonella</i> Brazil >2.500
F	<i>Serratia marcescens</i> 0.038	<i>Salmonella</i> Poona >2.500	<i>Salmonella</i> Dublin >2.500	<i>Salmonella</i> Kirkee >2.500
G	<i>E. coli</i> 0.045	<i>Salmonella</i> Nottingham >2.500	<i>Salmonella</i> Anatum >2.500	Absorbances read at 450nm
H	<i>Proteus mirabilis</i> 0.049	<i>Salmonella</i> Aberdeen 2.286	<i>Salmonella</i> Adelaide 0.736	

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

Signed: Operations director/Technical director/CEO 

Date: 24/9/19

#### 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