

## Certificate of Analysis

**Product Code:** SAL-0480S  
**Product:** Solus *Salmonella* ELISA (5 plate)  
**LOT/Batch:** ES136  
**Date of Manufacture/Test:** 23.10.2018  
**Expiry Date:** 22.10.2019

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

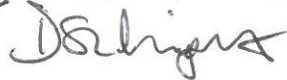
Sample	Net Signal OD	OD Specification
B6 <i>Salmonella</i> Enteritidis 10 <sup>6</sup> per ml	1.559	>1.000
B6 <i>Salmonella</i> Enteritidis 10 <sup>7</sup> per ml	>2.500	>2.000
B7 <i>Salmonella</i> Typhimurium 10 <sup>6</sup> per ml	0.976	>0.750
B7 <i>Salmonella</i> Typhimurium 10 <sup>7</sup> per ml	>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 0.032	<i>Klebsiella pneumonia</i> 0.045	<i>Salmonella</i> Montevideo >2.500	<i>Salmonella arizonae</i> NCTC 7349 – 0.413
B	Positive control >2.500	<i>Shigella sonnei</i> 0.013	<i>Salmonella</i> Goldcoast >2.500	<i>Salmonella</i> Nitra >2.500
C	Substrate blank 0.058	<i>Serratia liquifaciens</i> 0.052	<i>Salmonella</i> Essen >2.500	<i>Salmonella</i> Livingstone >2.500
D	<i>Staph. aureus</i> 0.042	<i>Salmonella</i> Heves 2.336	<i>Salmonella</i> Typhimurium >2.500	<i>Salmonella</i> Ealing 0.708
E	<i>Citrobacter freundii</i> 0.013	<i>Salmonella</i> Seftenburg >2.500	<i>Salmonella</i> Enteritidis >2.500	<i>Salmonella</i> Brazil 2.141
F	<i>Serratia marcescens</i> 0.021	<i>Salmonella</i> Poona >2.500	<i>Salmonella</i> Dublin >2.500	<i>Salmonella</i> Kirkee 2.302
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> 0.018	<i>Salmonella</i> Aberdeen >2.500	<i>Salmonella</i> Adelaide 1.064	

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

Signed: Operations director/Technical director/CEO



Date: 5/11/18

#### Solus Scientific Solutions Ltd

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