

Certificate of Analysis

Product Code:	SAL-0480S
Product:	Solus <i>Salmonella</i> ELISA (5 plate)
LOT/Batch:	ES162
Date of Manufacture/Test:	08.06.2020
Expiry Date:	07.06.2021

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

Batch homogeneity CV%:	<10%
A panel of 8 non- <i>Salmonella</i> spp:	<u>Satisfactory</u>
A panel of 26 <i>Salmonella</i> spp:	<u>Satisfactory</u>

Performance of In-house Reference Standards

Sample	Net Signal OD	OD Specification
B6 <i>Salmonella</i> Enteritidis 10 ⁶ per ml	0.238	>1.000
B6 <i>Salmonella</i> Enteritidis 10 ⁷ per ml	1.518	>2.000
B7 <i>Salmonella</i> Typhimurium 10 ⁶ per ml	0.417	>0.750
B7 <i>Salmonella</i> Typhimurium 10 ⁷ per ml	2.011	>2.000
B2 <i>Salmonella</i> Nottingham 10 ⁶ per ml	0.538	>0.200
B2 <i>Salmonella</i> Nottingham 10 ⁷ per ml	1.361	>0.750

Solus Scientific Solutions Ltd

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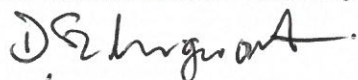
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Net Optical Densities of samples grown in RVS at 41.5°C for 24 hours and boiled at 85-100°C for 20 minutes

	1	2	3	4	5
A	Negative control 0.021	<i>Klebsiella pneumonia</i> 0.018	<i>Salmonella</i> Nima 2.236	<i>Salmonella</i> Ealing 0.586	<i>Salmonella</i> Typhimurium (non- motile wild type) >2.500
B	Positive control >2.500	<i>Shigella sonnei</i> 0.019	<i>Salmonella</i> Essen >2.500	<i>Salmonella</i> Kirkee >2.500	<i>Salmonella</i> Hofit 0.963
C	Substrate blank 0.049	<i>Serratia liquifaciens</i> 0.028	<i>Salmonella</i> Newport (wild type) >2.500	<i>Salmonella</i> Abaetatuba >2.500	<i>Salmonella</i> Menston 2.012
D	<i>Staph. aureus</i> 0.029	<i>Salmonella</i> Heves >2.500	<i>Salmonella</i> Dublin >2.500	<i>Salmonella</i> Bracknell >2.500	<i>Salmonella</i> Minnesota 1.659
E	<i>Citrobacter freundii</i> 0.020	<i>Salmonella</i> Seftenberg >2.500	<i>Salmonella</i> Anatum >2.500	<i>Salmonella</i> Gallinarum (wild type) >2.500	<i>Salmonella</i> Kentucky >2.500
F	<i>Serratia marcescens</i> 0.019	<i>Salmonella</i> Poona >2.500	<i>Salmonella</i> Aschesleben 1.900	<i>Salmonella</i> Tranaroa >2.500	Absorbances read at 450nm
G	<i>E. coli</i> 0.020	<i>Salmonella</i> Hadar >2.500	<i>Salmonella arizonae</i> NCTC 7349 0.424	<i>Salmonella</i> Virchow >2.500	
H	<i>Proteus mirabilis</i> 0.020	<i>Salmonella</i> Dahlem >2.500	<i>Salmonella</i> Nitra >2.500	<i>Salmonella</i> Dugbe >2.500	

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

Signed: Technical director/Finance Leader/Quality Manager



Date: 17/6/20.

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