

Certificate of Analysis

Product Code: SAL-0480S
Product: Solus *Salmonella* ELISA (5 plate)
LOT/Batch: ES147
Date of Manufacture/Test: 03.06.2019
Expiry Date: 22.05.2020

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	1.094	>1.000
B6 <i>Salmonella</i> Enteritidis 10 ⁷ per ml	>2.50	>2.000
B7 <i>Salmonella</i> Typhimurium 10 ⁶ per ml	0.812	>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 0.029	<i>Klebsiella pneumonia</i> 0.023	<i>Salmonella</i> Montevideo >2.500	<i>Salmonella arizonae</i> NCTC 7301 – 0.778
B	Positive control >2.500	<i>Shigella sonnei</i> 0.026	<i>Salmonella</i> Goldcoast >2.500	<i>Salmonella</i> Nitra >2.500
C	Substrate blank 0.049	<i>Serratia liquifaciens</i> 0.057	<i>Salmonella</i> Essen >2.500	<i>Salmonella</i> Livingstone >2.500
D	<i>Staph. aureus</i> 0.039	<i>Salmonella</i> Heves 1.572	<i>Salmonella</i> Typhimurium >2.500	<i>Salmonella</i> Ealing 0.774
E	<i>Citrobacter freundii</i> 0.028	<i>Salmonella</i> Seftenburg >2.500	<i>Salmonella</i> Enteritidis >2.500	<i>Salmonella</i> Brazil >2.500
F	<i>Serratia marcescens</i> 0.025	<i>Salmonella</i> Poona 2.458	<i>Salmonella</i> Dublin >2.500	<i>Salmonella</i> Kirkee >2.500
G	<i>E. coli</i> 0.023	<i>Salmonella</i> Nottingham >2.500	<i>Salmonella</i> Anatum >2.500	Absorbances read at 450nm
H	<i>Proteus mirabilis</i> 0.025	<i>Salmonella</i> Aberdeen >2.500	<i>Salmonella</i> Adelaide 0.918	

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

Signed: Operations director/Technical director/CEO 

Date: 26th July 2019.

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