

Certificate of Analysis



Product Code: SAL-0096S
Product: Solus *Salmonella* ELISA (1 plate)
LOT / Batch: ES166
Date of Manufacture: 21.09.2020
Expiry Date: 20.09.2021

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

Batch homogeneity CV%: <10%
A panel of 8 non- *Salmonella* spp: Satisfactory
A panel of 26 *Salmonella* spp: Satisfactory

Performance of In-house Reference Standards

Sample	Net Signal OD	OD Specification
<i>B6 Salmonella</i> Enteritidis 10 ⁶ per ml	>2.500	>1.000
<i>B6 Salmonella</i> Enteritidis 10 ⁷ per ml	>2.500	>2.000
<i>B7 Salmonella</i> Typhimurium 10 ⁶ per ml	0.936	>0.750
<i>B7 Salmonella</i> Typhimurium 10 ⁷ per ml	>2.500	>2.000
<i>B2 Salmonella</i> Nottingham 10 ⁶ per ml	0.380	>0.350
<i>B2 Salmonella</i> Nottingham 10 ⁷ per ml	1.247	>0.750

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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 0.027	A10 <i>Klebsiella pneumoniae</i> 0.020	AH9 <i>Salmonella</i> Nima >2.500	E1 <i>Salmonella</i> Ealing 0.596	AA1 <i>Salmonella</i> Typhimurium (non- motile wild type) >2.500
B	Positive control >2.500	E4 <i>Shigella sonnei</i> 0.017	B8 <i>Salmonella</i> Essen >2.500	B9 <i>Salmonella</i> Kirkee >2.500	A16 <i>Salmonella</i> Hofit >2.500
C	Substrate blank 0.047	E5 <i>Serratia liquifaciens</i> 0.018	AJ9 <i>Salmonella</i> Newport (wild type) 1.925	J8 <i>Salmonella</i> Abaetatuba >2.500	AJ6 <i>Salmonella</i> Menston 1.690
D	A2 <i>Staph. aureus</i> 0.023	B5 <i>Salmonella</i> Heves 1.592	D3 <i>Salmonella</i> Dublin >2.500	J7 <i>Salmonella</i> Bracknell 1.790	V9 <i>Salmonella</i> Minnesota 1.110
E	I3 <i>Citrobacter freundii</i> 0.021	B4 <i>Salmonella</i> Seftenberg >2.500	C5 <i>Salmonella</i> Anatum >2.500	J9 <i>Salmonella</i> Gallinarum (wild type) 1.571	AM9 <i>Salmonella</i> Kentucky 2.358
F	A7 <i>Serratia marcescens</i> 0.018	B3 <i>Salmonella</i> Poona >2.500	AH8 <i>Salmonella</i> Aschersleben 1.126	J10 <i>Salmonella</i> Tranaroa >2.500	Absorbances read at 450nm
G	A8 <i>E. coli</i> 0.019	T10 <i>Salmonella</i> Hadar >2.500	I5 <i>Salmonella arizonae</i> 0.274	K10 <i>Salmonella</i> Virchow 1.579	
H	A9 <i>Proteus mirabilis</i> 0.020	T4 <i>Salmonella</i> Dahlem >2.500	C2 <i>Salmonella</i> Nitra >2.500	T7 <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: 23/11/20