

# Certificate of Analysis



**Product Code:** SAL-0096S  
**Product:** Solus *Salmonella* ELISA (1 plate)  
**LOT / Batch:** ES180  
**Date of Manufacture:** 20<sup>th</sup> September 2021  
**Expiry Date:** 19<sup>th</sup> December 2022

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 <sup>6</sup> per ml	>2.500	>1.000
<i>B6 Salmonella</i> Enteritidis 10 <sup>7</sup> per ml	>2.500	>2.000
<i>B7 Salmonella</i> Typhimurium 10 <sup>6</sup> per ml	>2.500	>0.750
<i>B7 Salmonella</i> Typhimurium 10 <sup>7</sup> per ml	>2.500	>2.000
<i>B2 Salmonella</i> Nottingham 10 <sup>6</sup> per ml	0.820	>0.350
<i>B2 Salmonella</i> Nottingham 10 <sup>7</sup> per ml	2.193	>0.750

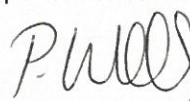
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Net Optical Densities of samples grown in RVS at 41.5°C for 24 hours and boiled at 85-100°C for 20 minutes

	1	2	3	4	5
A	Negative control 0.021	<i>A10 Klebsiella pneumonia</i> 0.012	<i>AH9 Salmonella Nima</i> >2.500	<i>E1 Salmonella Ealing</i> 0.646	<i>AA1 Salmonella</i> Typhimurium (non-motile wild type) >2.500
B	Positive control >2.500	<i>E4 Shigella sonnei</i> 0.013	<i>B8 Salmonella Essen</i> >2.500	<i>B9 Salmonella Kirkee</i> >2.500	<i>AI6 Salmonella Hofit</i> 0.808
C	Substrate blank 0.049	<i>E5 Serratia liquifaciens</i> 0.015	<i>AJ9 Salmonella Newport</i> (wild type) >2.500	<i>J8 Salmonella</i> <i>Abaetatuba</i> >2.500	<i>AJ6 Salmonella Menston</i> >2.500
D	<i>A2 Staph. aureus</i> 0.028	<i>B5 Salmonella Heves</i> >2.500	<i>D3 Salmonella Dublin</i> >2.500	<i>J7 Salmonella Bracknell</i> >2.500	<i>V9 Salmonella Minnesota</i> >2.500
E	<i>I3 Citrobacter freundii</i> 0.021	<i>B4 Salmonella Seftenberg</i> >2.500	<i>C5 Salmonella Anatum</i> >2.500	<i>J9 Salmonella Gallinarum</i> (wild type) >2.500	<i>AM9 Salmonella Kentucky</i> >2.500
F	<i>A7 Serratia marcescens</i> 0.013	<i>B3 Salmonella Poona</i> >2.500	<i>AH8 Salmonella Aschersleben</i> 1.218	<i>J10 Salmonella Tranaroa</i> 2.416	Absorbances read at 450nm
G	<i>A8 E. coli</i> 0.019	<i>T10 Salmonella Hadar</i> >2.500	<i>I5 Salmonella arizonae</i> 0.414	<i>K10 Salmonella Virchow</i> >2.500	
H	<i>A9 Proteus mirabilis</i> 0.015	<i>T4 Salmonella Dahlem</i> >2.500	<i>C2 Salmonella Nitra</i> >2.500	<i>T7 Salmonella Dugbe</i> >2.500	

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

Signed: ~~Technical director/Operations Manager/Quality Manager~~



Date: 12<sup>th</sup> NOVEMBER 2021