

## Certificate of Analysis

<b>Product Code:</b>	<b>EC-048S</b>
<b>Product:</b>	Solus <i>E. coli</i> O157 ELISA (1 plate)
<b>LOT/Batch:</b>	<b>EE025</b>
<b>Date of Manufacture/Test:</b>	<b>23.04.2019</b>
<b>Expiry Date:</b>	<b>22.04.2020</b>

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

Batch homogeneity CV%:	< 10%.
A panel of 8 non- <i>E. coli</i> O157 <i>Enterobacteriaceae</i> sp.	<u>Satisfactory</u>
Non toxigenic <i>E. coli</i> O157 NCTC 12900:	<u>Satisfactory</u>

### Performance of In house Reference Standards


Sample	Net Signal OD	Specification OD
F2 <i>E. coli</i> O157 ~10 <sup>4</sup> cfu/ml	0.788	>0.300
F2 <i>E. coli</i> O157 ~10 <sup>5</sup> cfu/ml	1.896	>0.500
F2 <i>E. coli</i> O157 ~10 <sup>6</sup> cfu/ml	2.177	>1.000

Net Optical Densities read at 450nm of samples grown in mTSB + Novobiocin (20mg/L) for 20 hours at 37°C

	1	2
A	Negative control 0.017	<i>E5 Serratia liquifaciens</i> 0.045
B	Positive control 2.079	<i>B7 Salmonella</i> Typhimurium 0.022
C	Substrate blank 0.043	<i>A8 E. coli</i> 0.002
D	<i>F2 E. coli</i> O157 NCTC 12900 >2.500	<i>E2 E. coli</i> (Wild Type) 0.033
E	<i>A9 Proteus mirabilis</i> 0.009	Absorbances read at 450nm
F	<i>A6 Citrobacter freundii</i> 0.018	
G	<i>A10 Klebsiella pneumoniae</i> 0.028	
H	<i>E4 Shigella sonnei</i> 0.011	

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

Signed: Operations director/Technical director/CEO



Date: 13/5/19.

**Solus Scientific Solutions Ltd**

9 Mansfield Networkcentre, Millennium Business Park, Concorde Way, Mansfield, Nottinghamshire NG19 7JZ  
**Tel** +44 (0)1623 429701 **Fax** +44 (0)1623 620977 **Email** enquiries@solusscientific.com  
**Web** www.solusscientific.com

**Registered Address:** East Kilbride Laboratory, Torus Building, Rankine Avenue, East Kilbride, Glasgow, Lanarkshire G75 0QF Company Reg. No. SC361616, Registered in Scotland VAT No 982 2304 24