

Certificate of Analysis

Product Code:	EC-048S
Product:	Solus <i>E. coli</i> O157 ELISA (1 plate)
LOT/Batch:	EE030
Date of Manufacture/Test:	20.04.2020
Expiry Date:	16.04.2021

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> spp:	<u>Satisfactory</u>
Non-toxicogenic <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 ⁴ cfu/ml	0.603	>0.300
F2 <i>E. coli</i> O157 ~10 ⁵ cfu/ml	1.438	>0.500
F2 <i>E. coli</i> O157 ~10 ⁶ cfu/ml	1.638	>1.000

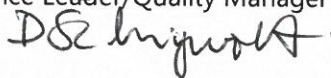
Net Optical Densities read at 450nm of samples grown in mTSB + Novobiocin (20mg/L) for 20 hours at 37°C

	1	2
A	Negative control 0.003	<i>E5 Serratia liquifaciens</i> 0.007
B	Positive control 2.382	<i>B7 Salmonella Typhimurium</i> 0.005
C	Substrate blank 0.040	<i>A8 E. coli</i> 0.013
D	<i>F2 E. coli</i> O157 NCTC 12900 >2.500	<i>E2 E. coli</i> (Wild Type) 0.004
E	<i>A9 Proteus mirabilis</i> 0.029	Absorbances read at 450nm
F	<i>A6 Citrobacter freundii</i> 0.023	
G	<i>A10 Klebsiella pneumoniae</i> 0.027	
H	<i>E4 Shigella sonnei</i> 0.014	

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

Signed: Technical director/~~Finance Leader~~/Quality Manager

Date: 27/4/20



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