

Certificate of Analysis

Product Code:	EC-048S
Product:	Solus <i>E. coli</i> O157 ELISA (1 plate)
LOT/Batch:	EE020
Date of Manufacture/Test:	08.05.2018
Expiry Date:	07.05.2019

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 ⁴ cfu/ml	0.074	<0.300
F2 <i>E. coli</i> O157 ~10 ⁵ cfu/ml	0.539	>0.500
F2 <i>E. coli</i> O157 ~10 ⁶ cfu/ml	1.373	>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 0.000	<i>E5 Serratia liquifaciens</i> 0.000
B	Positive control 2.205	<i>B7 Salmonella</i> Typhimurium 0.041
C	Substrate blank 0.059	<i>A8 E. coli</i> 0.000
D	<i>F2 E. coli</i> O157 NCTC 12900 >2.500	<i>E2 E. coli</i> (Wild Type) 0.000
E	<i>A9 Proteus mirabilis</i> 0.027	Absorbances read at 450nm
F	<i>A6 Citrobacter freundii</i> 0.006	
G	<i>A10 Klebsiella pneumoniae</i> 0.046	
H	<i>E4 Shigella sonnei</i> 0.001	

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

Signed: Operations director/Technical director/CEO



Date:

16/5/18

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