

Certificate of Analysis

Product Code: EC-048S
Product: Solus *E. coli* O157 ELISA (1 plate)
LOT/Batch: EE015
Date of Manufacture/Test: 03.01.2017
Expiry Date: 02.01.2018

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

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

Performance of In house Reference Standards

Sample	Net Signal OD	Specification OD
F2 <i>E. coli</i> O157 ~10 ⁴ cfu/ml	0.192	<0.200
F2 <i>E. coli</i> O157 ~10 ⁵ cfu/ml	1.236	>0.600
F2 <i>E. coli</i> O157 ~10 ⁶ cfu/ml	2.002	>2.000

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 0.008	<i>E5 Serratia liquifaciens</i> 0.012
B	Positive control 2.151	<i>B7 Salmonella Typhimurium</i> 0.017
C	Substrate blank 0.049	<i>A8 E. coli</i> 0.012
D	<i>F2 E. coli</i> O157 NCTC 12900 >2.50	<i>E2 E. coli</i> (Wild Type) 0.000
E	<i>A9 Proteus mirabilis</i> 0.003	Absorbances read at 450nm
F	<i>A6 Citrobacter freundii</i> 0.005	
G	<i>A10 Klebsiella pneumoniae</i> 0.010	
H	<i>E4 Shigella sonnei</i> 0.010	

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

Signed: Operations director/Technical director/CEO



Date:

10/1/17

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