

## Certificate of Analysis

**Product Code:** EC-048S  
**Product:** Solus *E. coli* O157 ELISA (1 plate)  
**LOT/Batch:** EE017  
**Date of Manufacture/Test:** 25.07.2017  
**Expiry Date:** 17.07.2018

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 <sup>4</sup> cfu/ml	0.255	<0.300
F2 <i>E. coli</i> O157 ~10 <sup>5</sup> cfu/ml	1.282	>0.500
F2 <i>E. coli</i> O157 ~10 <sup>6</sup> cfu/ml	1.864	>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 0.005	<i>E5 Serratia liquifaciens</i> 0.043
B	Positive control >2.500	<i>B7 Salmonella</i> Typhimurium 0.022
C	Substrate blank 0.043	<i>A8 E. coli</i> 0.023
D	<i>F2 E. coli</i> O157 NCTC 12900 >2.500	<i>E2 E. coli</i> (Wild Type) 0.019
E	<i>A9 Proteus mirabilis</i> 0.004	Absorbances read at 450nm
F	<i>A6 Citrobacter freundii</i> 0.007	
G	<i>A10 Klebsiella pneumoniae</i> 0.015	
H	<i>E4 Shigella sonnei</i> 0.027	

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

Signed: Operations director/Technical director/CEO



Date:

1/8/17

#### Solus Scientific Solutions Ltd

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