

Certificate of Analysis

Product Code:	EC-048S
Product:	Solus E. coli O157 ELISA (1 plate)
LOT/Batch:	EE016
Date of Manufacture/Test:	02.05.2017
Expiry Date:	20.04.2018

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	0.190	<0.200
F2 <i>E. coli</i> O157 ~10 ⁵ cfu/ml	0.757	>0.500
F2 <i>E. coli</i> O157 ~10 ⁶ cfu/ml	1.557	>1.500

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 0.004	<i>E5 Serratia liquifaciens</i> 0.008
B	Positive control 2.029	<i>B7 Salmonella Typhimurium</i> 0.004
C	Substrate blank 0.053	<i>A8 E. coli</i> 0.008
D	<i>F2 E. coli</i> O157 NCTC 12900 >2.50	<i>E2 E. coli</i> (Wild Type) 0.006
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> 0.004	
H	<i>E4 Shigella sonnei</i> 0.019	

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

Signed: ~~Operations director~~/Technical director/CEO

Date:  08/5/17.

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