

Certificate of Analysis

Product Code: SAL-04805
Product: Solus *Salmonella* ELISA (5 plate)
LOT/Batch: ES105
Date of Manufacture/Test: 13.02.2017
Expiry Date: 12.02.2018

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

Batch homogeneity CV%: <10%
 A panel of 8 non- *Salmonella* sp.: Satisfactory
 A panel of 19 *Salmonella* sp.: Satisfactory

Performance of In house Reference Standards

Sample	Net Signal OD	OD Specification
B6 <i>Salmonella</i> Enteritidis 10 ⁶ per ml	>2.500	>1.000
B6 <i>Salmonella</i> Enteritidis 10 ⁷ per ml	>2.500	>2.000
B7 <i>Salmonella</i> Typhimurium 10 ⁶ per ml	2.336	>0.750
B7 <i>Salmonella</i> Typhimurium 10 ⁷ per ml	>2.500	>2.000

Net Optical Densities of samples grown in RVS at 41.5°C for 24 hours and boiled at 85-100°C for 20 minutes

	1	2	3	4
A	Negative control 0.017	<i>Klebsiella pneumonia</i> 0.018	<i>Salmonella</i> Montevideo >2.500	<i>Salmonella arizonae</i> NCTC 7301 – 0.582
B	Positive control >2.500	<i>Shigella sonnei</i> 0.022	<i>Salmonella</i> Goldcoast >2.500	<i>Salmonella</i> Nitra >2.500
C	Substrate blank 0.059	<i>Serratia liquifaciens</i> 0.020	<i>Salmonella</i> Essen 2.457	<i>Salmonella</i> Livingstone 1.801
D	<i>Staph. aureus</i> 0.047	<i>Salmonella</i> Heves 1.311	<i>Salmonella</i> Typhimurium >2.500	<i>Salmonella</i> Ealing 0.543
E	<i>Citrobacter freundii</i> 0.027	<i>Salmonella</i> Seftenburg 2.205	<i>Salmonella</i> Enteritidis >2.500	<i>Salmonella</i> Brazil 1.838
F	<i>Serratia marcescens</i> 0.023	<i>Salmonella</i> Poona 0.877	<i>Salmonella</i> Dublin >2.500	<i>Salmonella</i> Kirkee 2.454
G	<i>E. coli</i> 0.023	<i>Salmonella</i> Nottingham 2.103	<i>Salmonella</i> Anatum >2.500	Absorbances read at 450nm
H	<i>Proteus mirabilis</i> 0.021	<i>Salmonella</i> Aberdeen 2.241	<i>Salmonella</i> Adelaide 0.758	

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

Signed: Operations director/Technical director/CEO

Date:

21/2/17



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