



TECHNICAL DATA SHEET

DESCRIPTION SALMONELLA AGAR RAPID (BIO-RAD) + 50MG/L NALIDIXIC ACID, 90MM PLATES

SGL PRODUCT CODE 8162

A chromogenic medium used for the selective isolation of nalidixic acid resistant strains of *Salmonella* species. *Salmonella* species grow as magenta coloured colonies.

FORMULATION

Typical product composition*:

COMPONENT	WEIGHT / VOLUME
Nutritive mix	14.5 g
Selective agents	14.0 g
Chromogenic mixture	2.3 g
Agar	12.7 g
Nalidixic acid	0.05 g
Purified water	1000 ml

*Product may be adjusted and/or supplemented to meet performance criteria

QUALITY CONTROL SPECIFICATION

PHYSICAL TESTS	SPECIFICATION CRITERIA
Appearance	Opaque, white gel
pH at 20-25°C	7.2 ± 0.2

STERILITY TESTS	SPECIFICATION CRITERIA
Incubation at 22-25°C for a minimum of 5 days	No growth detected
Incubation at 35-37°C for a minimum of 5 days	No growth detected
Incubation at 42-45°C for a minimum of 5 days	No growth detected

GROWTH PROMOTION / INHIBITION TESTS	SPECIFICATION CRITERIA
<i>Salmonella typhimurium</i> (nalidixic acid resistant strain)	Good growth compared to control with magenta coloured colonies at 35-37°C incubation after not more than 24±2hrs
<i>Salmonella enteritidis</i> (nalidixic acid resistant strain)	Good growth compared to control with magenta coloured colonies at 35-37°C incubation after not more than 24±2hrs
<i>Salmonella typhimurium</i> ATCC 14028 WDCM 00031	Total inhibition at 35-37°C incubation after 24±2hrs
<i>Salmonella typhimurium</i> NCTC 12416	Total inhibition at 35-37°C incubation after 24±2hrs
<i>Escherichia coli</i> ATCC 8739 WDCM 00012	Total inhibition at 35-37°C incubation after 24±2hrs
<i>Salmonella enteritidis</i> NCTC 5188	Total inhibition at 35-37°C incubation after 24±2hrs

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NMT = Not more than

NLT = Not less than

CFU = Colony forming units

Additional specification testing may be performed as requested by the customer.

Manufactured in compliance with ISO 9001 (Ref No FM37824) and tested by a UKAS (ISO 17025) accredited laboratory (Ref No. 4356).