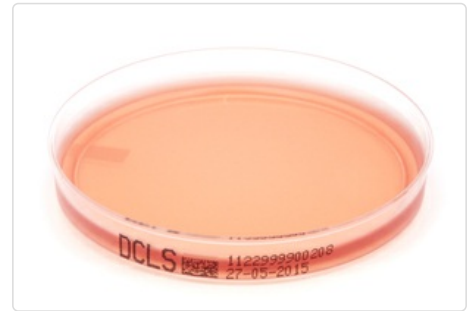


Desoxycholat-Citrat-Agar, modifiziert (DCLS-Agar)

Shorthand symbol:	DCLS
Item number:	40-1122
Format:	Petri dish, 90mm
Colour:	Salmon-colored, transparent until slightly opaque
Storage conditions:	Dry and closed at 4-10°C
Shelf-life:	4 Weeks
pH:	7.5 ± 0.2 at 25°C



Intended use and fields of application

The desoxycholate citrate agar (DCLS agar), modified, is used for the detection and isolation of Salmonella and Shigella.

Typical composition in g/l

in g per 1l Medium

Meat Peptone	5
Meat Extract	2.5
Yeast Extract	2.5
Lactose-Monohydrate	10
Saccharose	10
Sodium thiosuphate	5
Sodium citrate	1
Sodium deoxycholate	2.5
Ammonium Iron(III)-citrate	1
Neutral red	0.02
Agar	10

Microbiological quality control

The microbial performancetest is carried out in conformity with the requirements of DIN EN ISO 11133

Productivity

Incubation conditions: 23 ± 1 Stunden bei 36 ± 1 °C; Inoculum concentration: 80 – 120 CFU

Organism	Test strain	Specification	Colony morphology
Salmonella enterica serovar Enteritidis	ATCC 13076 / WDCM 00030	50 – 130 %	Colorless colonie with black center
Shigella flexneri	ATCC 29903 / WDCM 00125	50 – 130 %	Colorless colonies
Yersinia enterocolitica	ATCC 9610 / WDCM 00038	50 – 130 %	Red colonies

Selektivität

Incubation conditions: 23 ± 1 Stunden bei 36 ± 1 °C; Inoculum concentration: 10.000 – 1.000.000 CFU

Organism	Test strain	Specification	Colony morphology
Escherichia coli	ATCC 8739 / WDCM 00012	Inhibited	Pink colonies

Microbial Contamination

Incubation conditions: 5 – 7 days at 20 – 25 °C and 5 – 7 days at 30 – 35 °C

Specification

No microbial contamination