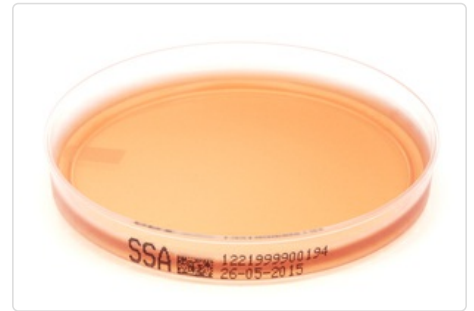


Salmonella-Shigella-Agar, modifiziert (SS-Agar)

Shorthand symbol:	SSA
Item number:	40-1221
Format:	Petri dish, 90mm
Colour:	Red brown, transparent
Storage conditions:	Dry, closed at 4-10°C
Shelf-life:	4 Weeks
pH:	7.3 ± 0.2 at 25°C



Intended use and fields of application

Medium for the isolation of Salmonella and Shigella. The growth of gram-positive microorganisms is inhibited and the swarming of Proteus ssp. is suppressed.

Typical composition in g/l

in g per 1l Medium

Peptone	7.7
Meat extract	5
Yeast extract	2.3
Beef Bile	8.5
Lactose	10
Sodium citrate	5
Sodium thiosulphate	7
Ammonium Iron(III)-citrate	1
Brilliant green	0.003
Neutral red	0.025
Agar	10

*Adjusted as required to meet performance standards

Microbiological quality control

The microbial performance test is carried out in conformity with the requirements of DIN EN ISO 11133.

Productivity

Incubation conditions: 24 ± 3 hours at 37 ± 1 °C; Inoculation concentration: 80 – 120 CFU

Organism	Test strain	Specification	Colony morphology
Salmonella enterica serovar Enteritidis	ATCC 13076 / WDCM 00030	50 – 130 %	Colorless colonies with black center
Shigella flexneri	ATCC 29903 / WDCM 00125	50 – 130 %	Small, colorless colonies - unchanged medium

Selektivität

Incubation conditions: 24 ± 3 hours at 37 ± 1 °C; Inoculation concentration: 10.000 – 1.000.000 CFU

Organism	Test strain	Specification	Colony morphology
Escherichia coli	ATCC 8739 / WDCM 00012	Inhibited	Red, opaque colonies with partially red precipitate
Staphylococcus aureus	ATCC 6538 / WDCM 00032	Complete inhibited	-

Microbial Contamination

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

Specification

Without microbial contamination