

Legionella-BCYE-Agar / CASO-Agar mit Schafblut

Shorthand symbol:	BCYE/TSAB
Item number:	42-1555
Format:	Double Petri dish, 90mm
Colour:	Black / Blood red
Storage conditions:	Dry and closed at 4-10°C
Shelf-life:	4 Weeks
pH:	6.9 ± 0.1 / 7.3 ± 0.2 at 25°C



Intended use and fields of application

Double plate for the isolation of Legionella from non-sterile samples with low incidental flora (BCYEa) as well as for the negative test for the confirmation of Legionella (TSAB).

Typical composition in g/l

Legionella-BCYE α -Agar:

in g per 1l Medium

Activated carbon	2
Yeast extract	10
ACES-Buffer	12.8
L-Cysteine	0,4
Iron (III)-pyrophosphate	0.25
α -Ketoglutarate	1
Agar	12

Caseinpepton-Sojamehlpepton-Agar nach harm. EP/USP/JP mit 5% Schafblut:

in g per 1l Medium

Peptone from casein	15
Peptone from Soya	5
Sodium chloride	5
Sheep blood, defibrinized	50
Agar	12

*Adjusted as required to meet performance standards

Microbiological quality control

Legionella-BCYE α -Agar:

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

Productivity

Incubation conditions: 2 – 5 days at 36 $\pm$ 2 °C; Inoculum concentration: 80 – 120 CFU

Organism	Test strain	Specification	Colony morphology
Legionelle pneumophila	ATCC 33152 / WDCM 00107	70 – 130 %	White-gray-blue-violet colored colonies with a smooth border and a frosted glass-like appearance characteristics

Microbial Contamination

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

Specification

No microbial contamination

Casein peptone-Soya flour peptone-Agar nach harm. EP/USP/JP with 5% Sheep blood:

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

Productivity

Incubation conditions: max. 18 hours at 32.5 $\pm$ 2.5°C; Inoculum concentration of the target Organism: 80 – 120 CFU

Organism	Test strain	Specification	Colony morphology
Staphylococcus aureus	ATCC 6538 / WDCM 00032	50 – 130 %	β -hemolysis around the colonies

Microbial contamination

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

Specification

No microbial contamination