



## Legionella-GVPC-Selektivagar

<b>Shorthand symbol:</b>	GVPC
<b>Item number:</b>	45-1502
<b>Format:</b>	Petri Dish, 70mm
<b>Colour:</b>	Black, opaque
<b>Storage conditions:</b>	Dry, in closed bag, at 4-10°C
<b>Shelf-life:</b>	3 Months
<b>pH:</b>	6.8 ± 0.2 at 25°C



### Intended use and fields of application

For the detection, isolation and enumeration of Legionella from water samples and clinical material.

### Typical composition in g/l

#### per 1 litre of nutrient medium

Activated Charcoal	2
Yeast Extract	10
ACES (Buffer/Potassium Hydroxide)	12.8
L-Cysteine	0.4
Ferric (III) Pyrophosphate	0.25
α-Ketoglutarate	1
Glycine	3
Vancomycin	0.001
Polimyxin B (in IE)	79200
Cycloheximide	0.08
Agar	13

## Microbiological quality control

The Microbiological Performance Test is carried out in accordance with the requirements BS EN ISO 11133:2014.

### Productivity

Incubation conditions: 2–5 days and 5–10 days at  $36 \pm 2$  °C; Inoculum concentration: 80–120 CFU

Organism	Type Strain	Specification	Colony morphology
Legionella pneumophila	ATCC 33152 / WDCM 00107	50 – 130 %	White-green-blue-violet entire colonies with a smooth edge and a characteristic milky appearance.
Legionella anisa	ATCC 35392 / WDCM 00106	50 – 130 %	White-green-blue-violet entire colonies with a smooth edge and a characteristic milky appearance.

### Selectivity

Incubation conditions: 3 days at  $36 \pm 2$  °C; Inoculum concentration: 10.000-1.000.000 CFU

Organism	Type Strain	Specification	Colony morphology
Escherichia coli	ATCC 8739 / WDCM 00012	Complete or partial inhibition.g	-
Pseudomonas aeruginosa	ATCC 9027 / WDCM 00026	Complete or partial inhibition.	-
Enterococcus faecalis	ATCC 19433 / WDCM 00009	Complete inhibition.	-

### Microbial Contamination

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

### Specification

No microbial contamination