

## Legionella-GVPC-Selektivagar (GVPC)

According to ISO 11731

<b>Shorthand symbol:</b>	GVPC
<b>Item number:</b>	40-1602
<b>Format:</b>	Petri dish, 90mm
<b>Colour:</b>	Black, opaque
<b>Storage conditions:</b>	Keep away from light at constant temperature; at 4 – 25°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

#### in g per 1l Medium

Yeast Extract	10
Activated Charcoal	2
ACES (Buffer/Potassium Hydroxide)	10
L-Cysteine	0.4
Ferric (III) Pyrophosphate	0.25
α-Ketoglutarate	1
Potassium hydroxide	2.8
Glycine	3
Vancomycin	0.001
Polymyxin B (in IU)	80 000
Cycloheximid	0.08
Agar	13

\*Adjusted as required to meet performance standards

## Microbiological quality control

The Microbiological Performance Test is carried out in accordance with the requirements of ISO 11133.

### Productivity

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

Organism	Type Strain	Specification	Colony morphology
Legionella pneumophila	ATCC 33152 / WDCM 00107	>50 %	White-grey-blue-violet entire colonies with a smooth edge and a characteristic milky appearance.
Legionella anisa (5-10 days)	ATCC 35292 / WDCM 00106	>50 %	White-grey-blue-violet entire colonies with a smooth edge and a characteristic milky appearance.

### Selectivity

Incubation conditions: 3 days at  $36 \pm 2$  °C; Inoculation concentration: 10,000-1,000,000 CFU

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

### Microbial Contamination

Incubation conditions:  $48 \pm 4$  h at  $30 \pm 1$  °C

### Specification

No microbial contamination