

## Legionella-GVPC-Selektivagar

According to ISO 11731

<b>Abbreviazione:</b> GVPC
<b>Numero articolo:</b> 40-1502
<b>Scheda:</b> Petri Dish, 90mm
<b>Colore:</b> Black, opaque
<b>Condizioni di stoccaggio prodotti:</b> Dry, in closed bag, at 4 – 10°C.
<b>Data di scadenza:</b> 3 Months
<b>Valore pH:</b> 6.8 ± 0.2 at 25°C



### Destinazione e applicazione

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

### Composizione tipica

#### in g per 1 Litre of Nutrient medium

Activated Charcoal	2.0
Yeast Extract	10.0
ACES (Buffer/Potassium Hydroxide)	12.8
L-Cysteine	0.4
Ferric (III) Pyrophosphate	0.25
α-Ketoglutarate	1.0
Glycine	3.0
Vancomycin	0.001
Polimyxin B (in IE)	79,200
Cycloheximide	0.08
Agar	13.0

## Controlli di qualita' microbiologici

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

### 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 - 130 %	White-grey-blue-violet entire colonies with a smooth edge and a characteristic milky appearance.
Legionella anisa	ATCC 35392 / WDCM 00106	50 - 130 %	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.	-
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