

DORSET EGG MEDIUM

Medium for culturing mycobacteria

TYPICAL FORMULA (g/L)

Homogenized whole egg.....	950.0 mL
Glycerol.....	50.0 ml
Final pH=	7.0 ± 0.2

DESCRIPTION

DORSET EGG MEDIUM is a non selective medium well suited for maintenance of pure cultures of *Mycobacterium*. The medium is also used for maintenance and transport of *Neisseria meningitidis* and *Haemophilus influenzae* type b.

PRINCIPLE

Glycerol and eggs supply the fatty acids and the proteins required by metabolism of mycobacteria. The coagulation of egg albumine during the sterilization provide a solid medium for inoculum.

TECHNIQUE

1. Inoculate the medium with the microorganism.
2. Incubate the tubes at 36+/-1°C for 2 weeks, in atmosphere containing 10% CO₂.
3. Examine the growth on the tubes.

INTERPRETATION of RESULTS

Observe the growth of colonies.

STORAGE

2-8°C away from light, until the expiry date on the label or until signs of deterioration or contamination are evident.

WARNING and PRECAUTIONS

The product is not classified as hazardous by current legislation and does not contain harmful substances in concentrations of ≥1%. The product is designed for *In vitro* diagnostic use and must be used only by properly trained operators.

DISPOSAL of WASTE

Disposal of waste must be carried out according to national and local regulations in force.

REFERENCES

Am. Med., 3:555, 1902.

Avril D. Wasas, Robin E. Huebner and Keith P. Klugman. Use of Dorset Egg Medium for Maintenance and Transport of *Neisseria meningitidis* and *Haemophilus influenzae* Type b. 1999. *Journal of Clinical Microbiology*. p. **2045-2046**.

Katherine L. O'Brien, MD, MPH, Hanna Nohynek, MD and The WHO pneumococcal vaccine trials carriage working group. Report from a WHO Working Group: standard method for detecting upper respiratory carriage of *Streptococcus pneumoniae*. *Pediatr Infect Dis J*, 2003; **22:e1-11**.



Liofilchem s.r.l Bacteriology Products

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PRODUCT SPECIFICATIONS

NAME

DORSET EGG MEDIUM

PRESENTATION

Ready-to-use glass tubes containing 8.5+/-0.5 ml in slant position.

PACKGING

Code	Content	Packaging
30125	10 tubes	10 tubes in cardboard box

pH OF THE MEDIUM

7.0 ± 0.2

USE

DORSET EGG MEDIUM is a NON SELECTIVE MEDIUM WELL SUITED FOR MAINTENANCE OF PURE CULTURES OF *MYCOBACTERIUM*.

The medium is also used for maintenance and transport of *Neisseria meningitidis* and *Haemophilus influenzae* type b.

TECHNIQUE

Refer to technical sheet of the product.

APPEARANCE OF THE MEDIUM

Yellow and opaque medium.

SHELF LIFE

1 year

QUALITY CONTROL

Control of general characteristics, label and print.

Sterility control:

7 days at 25 ± 1°C, in aerobiosis.

7 days at 36 ± 1°C, in aerobiosis.

Microbiological control:

Inoculum for productivity: 10-100 UFC/ml.











Inoculum for selectivity: 10⁴-10⁵ UFC/ml.

Inoculum for specificity: ≤ 10⁴ UFC/ml.

Incubation conditions: until to 2 weeks at 36 ± 1°C in atmosphere containing 10% CO₂.

Microrganisms		Growth
<i>Mycobacterium fortuitum</i>	ATCC 6841	Good
<i>Mycobacterium intracellulare</i>	ATCC 13950	Good

TABLE of SYMBOLS

SYMBOL	MEANINGS
	Catalogue number
	<i>In vitro</i> Diagnostic Medical Device
	Manufacturer
	Temperature limitation
	Contains sufficient <n> tests
	Use by
	Batch code
	Consult accompanying documents
	Do not reuse
	Fragile, handle with care



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