



**Product Insert**  
**Ampicillin Solution**

**Catalogue Number:**  
BIO-87025 10ml

**Features**

- Cost effective
- Ready-to-use solutions
- Time saving
- Stable at -20°C
- Solutions in ethanol can be used directly from the freezer
- Avoids handling of toxic or harmful substances
- No sterile filtration required

**Applications**

- Cell culture
- Plasmid selection
- Gene regulation

**Description**

Ampicillin is a derivative of penicillin that causes cell death by interfering with bacterial cell wall synthesis. Ampicillin resistance is mediated by cleavage of the  $\beta$ -lactam ring by  $\beta$ -lactamase (*bla* gene).

**Product Specifications**

**Batch No:**

See vial.

**Storage Conditions:**

Ampicillin Solution can be stored at -20°C for 12 months. Ampicillin Solution will remain stable if stored as specified.

**Shipping Conditions:**

On Blue Ice

**Concentration:**

100mg/ml in Water

**CAS Number:** 69-52-3

**Safety Precautions:**

This product is for R&D use only, not for human use, or any other use. Irritating to eyes, respiratory system and skin. May cause sensitization by inhalation and skin contact. Please refer to the material safety data sheet for information regarding hazards and safe handling practice.



Xn: HARMFUL

**Associated Products**

| Product Name                          | Pack Size              | Cat No    |
|---------------------------------------|------------------------|-----------|
| $\alpha$ -Select Gold Efficiency      | 1ml (20 x 50 $\mu$ l)  | BIO-85027 |
| $\alpha$ -Select Electrocompetent     | 1ml (10 x 100 $\mu$ l) | BIO-85028 |
| CH <sub>3</sub> -Blue Competent Cells | 1ml (10 x 100 $\mu$ l) | BIO-85039 |
| 3' RACE Kit                           | 20 Reactions           | BIO-86032 |
| SOC Medium                            | 10 x 10ml              | BIO-86033 |

**Notes:**

1. This product insert is a declaration of analysis at the time of manufacture.
2. Research Use Only.

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