

## Lysis Solution (HP2)

<u>Product Name</u>	<u>Product Code</u>	<u>Kit Packing</u>
Lysis Solution (HP2)	DS0021-250ML	250 ml
	DS0021-500ML	500 ml

**Introduction:** Lysis Solution (HP2) is a buffer solution used for the purpose of lysing recombinant *E.coli* cells for the isolation of plasmid. This is extensively used in molecular biology experiments. This solution is strongly alkaline and contains a detergent. The detergent solubilizes the phospholipids and proteins of the cell membrane which results in cell lysis. The high alkaline concentration denatures the genomic and plasmid DNA.

**Application:** Lysis Solution (HP2) is used for lysing recombinant *E.coli* cells transformed with plasmid

### Properties:

Appearance: Colorless solution

Clarity: Clear and free of particles

DNase & RNase: None detected

Suitability Test: This reagent has been tested and is suitable for extraction of plasmid DNA from recombinant *E.coli* cells.

**Storage conditions:** Lysis Solution (HP2) has to be stored at 15 - 25°C. The shelf- life of this solution in 12 months.

### Safety Information

The Lysis Solution (HP2) contains chaotropic salts, which are irritants. Take appropriate laboratory safety measures and wear gloves when handling. Not compatible with disinfecting agents containing bleach. Please refer the Safety Data Sheet (SDS) for information regarding hazards and safe handling practices.

### Disposal

User must ensure safe disposal by autoclaving and/or incineration of used or unusable preparations of this product. Follow established laboratory procedures in disposing of infectious materials and material that comes into contact with clinical sample must be decontaminated and disposed off in accordance with current laboratory techniques.

### Technical Assistance

At HiMedia, we pride ourselves on the quality and availability of our technical support. For any kind of technical assistance, mail to [mb@himedialabs.com](mailto:mb@himedialabs.com).

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Please refer disclaimer Overleaf.



Storage temperature



Do not use if package is damaged



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**Disclaimer :**

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