

New PureSol™ Plasmid Isolation Kit

Description: PureSol™ Plasmid Isolation Kit contains ready to use reagents for high quality plasmid DNA isolation from overnight grown *E. coli* cultures. The method is very simple, rapid and cost effective, as it does not need any columns and can be carried out in a single tube per sample. PureSol™ Plasmid Isolation Kit is an efficient protocol for screening clones in a short time and obtaining sequencing grade DNA.

Highlights:

- Minimum starting material required for isolation of pure and intact plasmid DNA.
- High recovery of DNA from both low copy number and high copy number plasmid.
- Rapid and simple isolation. No columns required.
- No/ Minimal genomic DNA contamination.
- No RNA contamination.
- Good quality of DNA for subsequent use in molecular biology experiments like Restriction Enzyme Digestion, PCR, Ligation and Transformation and Automated Sequencing.

The kit provides sufficient reagents for 50 plasmid preparations

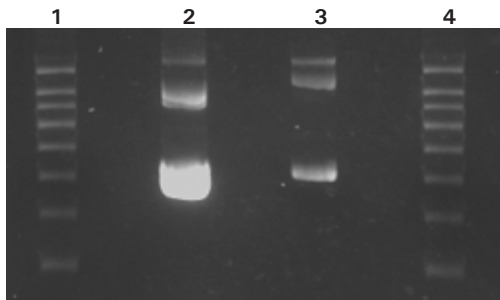
Materials Provided:

1. PureSol™ Solution A
2. PureSol™ Solution B
3. RNase A
4. Lysozyme
5. Instruction Manual

Storage: : RNase A and Lysozyme at -20°C. Buffers at room temperature.

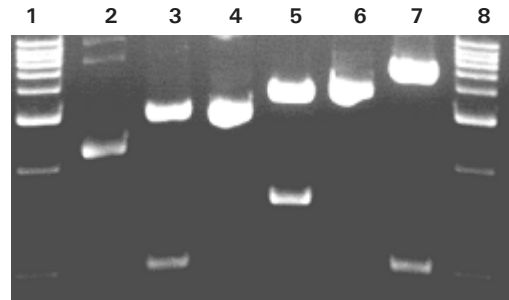
Ordering Information:

Product	Size	Cat #
PureSol™ Plasmid Isolation Kit (50 Plasmid Preparations)	1 Pack	117681



Purification of Plasmid DNA using PureSol™ Plasmid Isolation Kit.

- Lane 1: Supercoiled DNA Ladder
- Lane 2: High copy number plasmid
- Lane 3: Low copy number plasmid
- Lane 4: Supercoiled DNA Ladder



Restriction digestion of plasmid DNA purified by using PureSol™ Plasmid Isolation Kit Isolation Kit.

- Lane 1: 1 Kb Ladder
- Lane 2: Uncut plasmid (4 Kb)
- Lane 3: Linearised plasmid with *Bam*H1
- Lane 4: Uncut plasmid (5 Kb)
- Lane 5: Linearised plasmid with *Bam*H1
- Lane 6: Uncut plasmid (6Kb)
- Lane 7: Linearised plasmid with *Hind* III
- Lane 8: 1 Kb Ladder