Datasheet

Description/Preparation:

The PstI digest of phage-DNA yields the 29 fragments**.** Lambda DNA was completely digested by PstI, phenol extracted, ethanol precipitated, dissolved in 10 mM Tris-HCl (pH 8.0) and 1 mM EDTA. **The marker is ready-to-use.**

Features: Supplied in 6X Loading buffer

Usage: 0,5 µg/lane

Concentration: 0,4 µg/µl

Number of bands: 29 11501*, 5077, 4749, 4507, 2838, 2556*, 2459, 2443, 2140, 1986, 1700, 1159 1093, 805, 514, 468, 448, 339, 264, 247, 216, 211, 200, 164, 150, 94, 87, 72, 15

Loading:

Agarose Gel / Polyacrylamide Gel

- Vortex gently before using
- apply 0,5 µg (agarose) or 0.5-0.9 µg (polyacrylamide gel) per 1 mm lane

Quantification:

See the graph for the percentage of the bands per band in ng, relating to 0.5 µg loaded marker. Use the same volume of DNA and marker. Additionally the concentration of loading buffer in samples and marker should be equal.

Note:

Dilute in TE or other buffer of minimal ionic strength. DNA may denature if diluted in dH_2O and subsequently heated. *The cohesive ends (12b cos site of bacteriophage) of fragments 11501 bp and 2556 bp may anneal to and form the additional band. These fragments may be separated by heating to 65°C for 5 min and then cooling on ice for 3 min.

Transportation: Shipped on blue ice or room temperature

Storage: at -20°C for 24 months

Prod. No.	Description	Quantity
3900017	DNA Pst I Digest	200 µ
3900018	DNA Pst I Digest	5x 200 µ

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