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Datasheet for ABIN3032780 100bp DNA Ladder

1 Image



Overview

| Quantity: | 500 μL |
|--------------------------|-----------------------------------|
| Detection Range: | 100-1500 bp |
| Minimum Detection Limit: | 100 bp |
| Application: | Agarose Gel Electrophoresis (AGE) |

Product Details

| Purpose: | 100bp DNA Ladder |
|------------------|---|
| Characteristics: | PCR products and double-stranded DNA digested with appropriate restriction enzymes, are phenol extracted and equilibrated to 10 mM Tris-HCI (pH 8.0) and 1mM EDTA. Range: 100 - 1,500 bp Number of bands: 11 |
| | |

Application Details

| Application Notes: | Recommended Load: 5 μL / well containing orange G & xylene cyanol FF as tracking dyes. |
|--------------------|---|
| Comment: | A unique combination of PCR products and a number of proprietary plasmids digested with appropriate restriction enzymes to yield 11 fragments, suitable for use as molecular weight standards for agarose gel electrophoresis. The DNA includes fragments ranging from 100-1, 500 base pairs. The 500 and 1, 500 base pair bands have increased intensity to serve as reference points. The approximate mass of DNA in each band is provided (0.5 g a load) for approximating 72.5 1, 500 the mass of DNA in comparably intense samples of similar size. Containing: Containing orange G & xylene cyanol FF as tracking dyes. |
| | Containing. Containing Grange G & Ayiene Gyanol FT as tracking dyes. |

Restrictions:

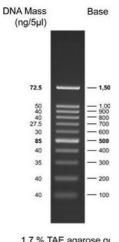
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Handling

| Format: | Liquid |
|------------------|--|
| Handling Advice: | Ready to use |
| Storage: | RT |
| Storage Comment: | Store at 25°C for 6 months, Store at -20°C for 24 months |
| Expiry Date: | 24 months |

Images



| Image 1. | Agarose Gel | Electrophor | esis | |
|----------|-------------|-------------|------|--|
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1.7 % TAE agarose ge