



Bio Basic Inc.

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Product Information

Catalogue Number: GM305

Product Name: DNA Marker-L

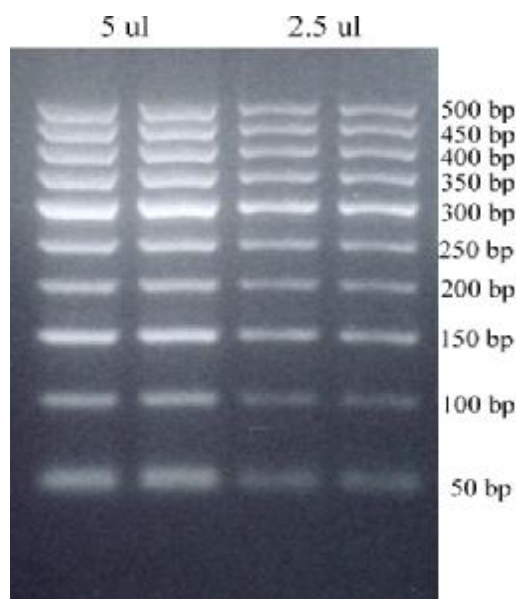
Size: 200 loadings

Description: 10 DNA fragments: 50, 100, 150, 200, 250, 300, 350, 400, 450 and 500bp

The intensity of the 300p band is increased to yield an internal reference indicator

Usage: 6ul /load containing

Recommended loading: 2.5-5 μ l, > 2% agarose gel. 3:1 agarose gel is preferable for better resolution



0.5X TAE, 3.5% 3:1 agarose gel

Storage: -20°C

Recommended Loading: 6 μ l (or 1 μ l/mm width of gel well)

Storage Buffer: 10mM Tris-HCl (pH 7.6), 10mM EDTA, 0.033% Bromophenol Blue, 0.008% xylene cyanol FF and 10% glycerol.

QF 24 v2.0, 11/2011

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Quality Control Assay Data:

Agarose gel analysis shows that the bands between 50 bp and 500 bp are distinguishable. All bands must form a gradient. Incubation of 5 µl of the Gen50 DNA ladder in restriction enzyme buffer overnight at 37°C shows absence of visible degradation.

Recommendations for Use:

- Do not heat before loading.
- Apply 6ul marker to 5mm width lane (1.2ul per 1 mm lane) agarose gel or non-denaturing PAGE.
- Following electrophoretic separation on gels, visualize the DNA bands by ethidium bromide staining.
- Not designed for DNA quantification.
- Not designed for denaturing PAGE.
- The 100bp band will be faint after long term electrophoresis.
- To get desired photo you can visualize the DNA bands by ethidium bromide staining after electrophoresis.
- Qualified agarose and fresh TAE (TBE) buffer is essential to the good photo.

Product Use limitation:

This Product is developed, designed and sold exclusively for research purposes and in vitro use only. The product was not tested for use in diagnostics or for drug development, nor is it suitable for administration to human or animal.

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