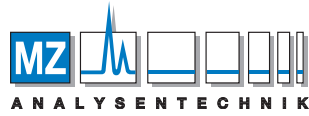


Application Title:

Separation of 1kb DNA Ladder Marker by anion-exchange chromatography.

Compound:

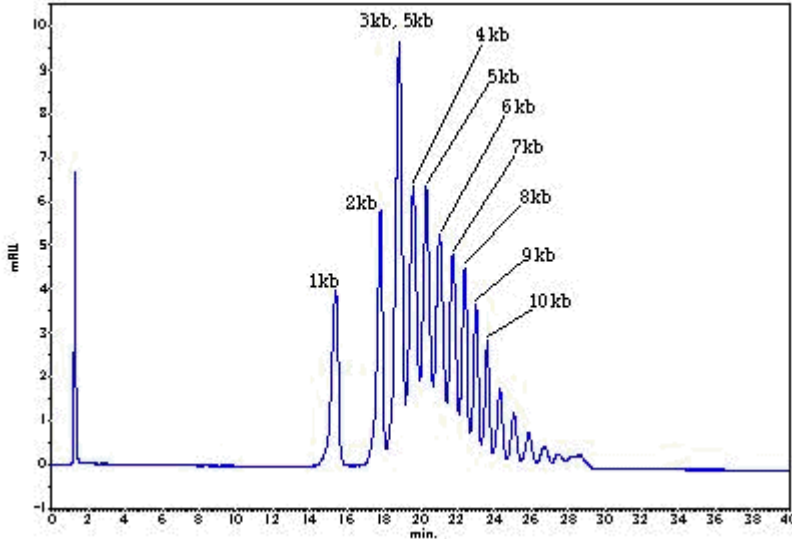
1kb Molecular Ruler (DNA marker)

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**Chromatographic conditions****Column:**TSKgel DNA-STAT, P/N 21962, 5 µm, 4.6 mm ID × 10 cm × 1**Mobile Phase:**

A; 20 mmol/L Tris-HCl (pH 8.5) *
 B; 20 mmol/L Tris-HCl + 1 mol/L NaCl (pH 8.5)
 time(min) B(%)

0	80
60	95
60.1	100
65	100
65.1	10
70	80

* Tris-HCl (pH 8.5) : tris(hydroxy methyl)aminomethane (pH 8.5 with HCl)

Flow Rate:

0.5 mL/min

Detection:

UV/VIS @ 260 nm

Temperature:

25 °C

Injection Volume:

3 µL

Sample(s):

DNA

Sample Load:

200 mg/L

Instrument:

Agilent 1120 Compact LC

Comments:

Compounds : 15 bands of DNA from 1kb to 15kb range in exact 1kb increments.