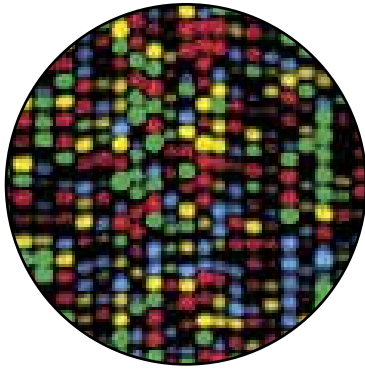


PROTOCOL

ROX ladder, 70-400 bp, 800 assays



Part Number:	MRK400, ROX 400bp ladder, 800 assays @ 0.5 μ l
Version:	1.4
Storage:	+4.0 $^{\circ}$ C
Related Accessories:	MFK1000, MRK1000, capillary and capillary arrays, plates, combs, spacers, microCLEAN, microLYSIS DNA clean up, cell lysis and purification reagents.

MRK 400 contains the following sized bands:

70, 80, 90, 100, 120, 140, 160, 180, 190, 200, 220, 240, 260, 280, 300, 320, 340, 360, 380 and 400 base pairs

Directions for gels and capillary systems:

1. Combine 0.5 μ l ROX ladder, 0.5 μ l tracking dye, 2.5 μ l deionized formamide and 1 μ l to 2 μ l of sample.
2. Vortex, centrifuge, and heat denature at 95 $^{\circ}$ C for 5 minutes, then cool to 4 $^{\circ}$ C.
3. Load 1 μ l to 3 μ l of combined material per lane.

Directions for RapidLoad 2.0 membrane combs for gels:

1. Resuspend ladder, sample, and sample loading buffer in a total reaction volume of 2.0 μ l.
2. Load 0.5 μ l to 1.0 μ l of mixture onto membrane combs, depending on comb lane density.