

Catalogue No: LMR-1210

microRNA Marker: 100 gel lanes – 12 µg (24 ng/µl)

Lot No: 121001

Storage: -20°C

Exp:

Description

The microRNA Marker is a set of three synthetic single-stranded RNA oligonucleotides (25, 21 and 17 residues long) without 5' phosphate groups. The sequences of the oligonucleotides are:

25mer: 5'-AGAGCAGUGGGCUGGUUGAGAUUUAA-3'

21mer: 5'-AGCAGUGGCUGGUUGAGAUUG-3'

17-mer: 5'-CAGUGGCUGGUUGAGAC-3'

Usage

The oligonucleotides can be used as size markers in gels.

The microRNA Marker is provided in a ready-to-load denaturing solution. Load 5-10 µl if the gel is to be stained with methylene blue (Figure 1) or 3-5 µl if stained with SYBR Gold.

Orange G from the loading buffer migrates faster than the smallest band.

Supplied in: microRNA Marker is provided in 4 M urea and 0.04% Orange G loading buffer.

Related Products

microRNA Marker with Probe (LMP-1211)

siRNA Marker (LSR-1212)

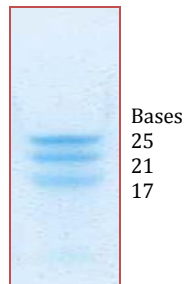


Figure 1

60 ng of microRNA Marker (5 µl) was loaded on a 12% native polyacrylamide gel which was stained with methylene blue for 5 minutes.