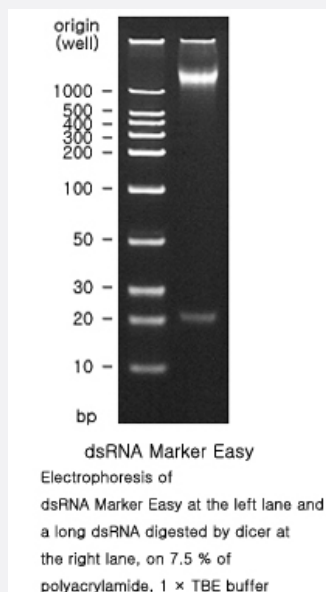


dsRNA Marker Easy

Catalog # R0006

Size 125 uL

Applications



Specification

Product Description

The dsRNA Marker Easy is supplied in a ready-to-load mixture of loading dye (containing Tris-HCl buffer, glycerol, EDTA sodium salt, sodium chloride, bromophenol blue) and an ideal size marker for determining sizes of double-stranded RNAs. The dsRNA Marker Easy consists of ten double-stranded RNAs, 10, 20, 30, 50, 100, 200, 300, 400, 500 and 1,000 base pairs. In 5 uL of the dsRNA Marker Easy, a 20 bp of dsRNA is approximately 50 ng. The dsRNA Marker Easy can be visualized by UV light after ethidium bromide staining.

Quality Control Testing

After 18 hr incubation of the dsRNA Marker Easy at 37°C, no visible degradation of the marker is observed in 7.5 % polyacrylamide gel electrophoresis.

Recommend Usage

5 uL/lane

Supplied Product

6 × dsRNA Loading Buffer is used for preparation of dsRNA samples for non-denaturing polyacrylamide gel electrophoresis. One volume of 6 × dsRNA Loading Buffer is added to 5 volumes of sample. The 6 × dsRNA Loading Buffer is RNase free and contains Tris-HCl buffer (pH7.5), glycerol, EDTA sodium salt, bromophenol blue. Store at -20 °C or -80 °C.

Storage Instruction

Store at -80 °C. Repeated freeze/thaw cycles should be avoided.

Note

dsRNA is more resistant to RNase than ssRNA, dsRNA is sensitive to degradation by RNase. To avoid damaging the dsRNA Marker Easy, use care during manipulations to prevent nuclease contamination. Wear gloves and use clean apparatus. Glassware should be pretreated with diethyl pyrocarbonate (DEPC). Nuclease-free disposable plasticware should be used. Solutions and reagents to mix the product should be high grade and nuclease-free. To use, thaw the dsRNA Marker Easy on ice and keep it on ice while using.

Applications

- Electrophoresis