

Ver.23091

5X RNA Electrophoretic Loading Buffer

Cat.No.: ORT202-01

Description: The RNA Electrophoretic Loading Buffer is formulated for use in RNA sample preparation for denaturing formaldehyde-agarose gel electrophoresis. The solution contains tracking dyes (bromophenol blue and xylene cyanole FF). In most denaturing agarose gel systems, bromophenol blue migrates slightly faster than human 5S rRNA, whereas xylene cyanol FF migrates slightly slower than 18S rRNA.

Product contents:

- 1) 5X RNA Electrophoretic Loading Buffer: 5×1mL

Storage

- Long-term storage (more than 6 months: –20°C)

Procedure

- Add 1 volume of RNA to 2-5 volumes of 5X RNA Electrophoretic Loading Buffer and mix well.
- Heat to 65 °C for 10 minutes.
- Chill on ice and spin down prior to loading on a gel.