

Product Components

Components	Component number	Size
6X DNA/RNA Loading Buffer	RM30212	1 mL

Product Description

6X DNA/RNA Loading Buffer is used for sample electrophoresis, offering convenient gel loading and sharp bands. This product can facilitate the sinking of DNA/RNA into the wells of agarose gels for agarose gel electrophoresis and non-denaturing acrylamide gel electrophoresis.

6X DNA/RNA Loading Buffer contains glycerol, EDTA, bromophenol blue, and xylene cyanine. Bromophenol blue is the standard electrophoretic tracking dye, glycerol ensures sample aggregates at the bottom of the well, and EDTA binds divalent metal ions and inhibits metal ion-dependent nucleases.

Storage

Transported at room temperature. It can be stored at 4°C for 12 months and long-term storage at -20°C.

Notes

1. This product is only for scientific research and shall not be used for clinical diagnosis and other unreasonable purposes.
2. When stored at room temperature, precipitation may occur, please place it in a water bath and dissolve it before using it without affecting its function.

Experiment Process

1. Use at a 6-fold dilution of 1 μ L of 6X DNA/RNA Loading Buffer per 5 μ L of DNA/RNA sample.
2. After mixing, briefly centrifuge to the bottom of the tube, and take an appropriate amount for agarose gel electrophoresis or non-denaturing polyacrylamide gel electrophoresis.