

RNA Loading Buffer

Catalogue #: MB012
Storage: -20 °C
Size: 1mL

Description:

RNA Sample Loading Buffer is formulated for use in RNA sample preparation for denaturing formaldehyde agarose gel electrophoresis. The loading buffer has ethidium bromide and the heating of RNA samples in the loading buffer before loading improves the binding of ethidium bromide to RNA. The RNA on the gel is detectable better than if the gel were to be stained with ethidium bromide after electrophoresis. The presence of excess amount of ethidium bromide in agarose gels or the loading buffer may cause poor transfer efficiency and can affect the length of transfer time. This product is suitable for use in formaldehydeagarose gel electrophoresis of RNA. It has been tested for RNase activity and none was detected.

Formulation:

95% deionized formamide
5 mM EDTA
0.025% Xylene cyanol FF
0.025% bromophenol blue
0.025% SDS
0.025% Ethidium Bromide

Procedure:

Add 1 volume sample to 2-5 volumes of sample loading buffer and mix well. The sample should be heated to 65 °C for at least 5 minutes, and then chilled on ice immediately before loading on the gel.

For resaech use only