Loading buffer 6x

Size: 1 ml



MANUAL

Description: DENAzist loading buffers are prepared with variety of colors and ribonucleasefree water to facilitate loading and visualization of both DNA and RNA samples during electrophoresis. These loading buffers are easy to load, stay at the bottom of the well, do not diffuse quickly, and yield sharper bands. Features of each loading buffer have been summarized in the table below.

VERSION: Dec 2022

Shipping: Ambient temperature Batch No.: See box Store at +4 °C

INSTRUCTIONS to use 6x loading buffer

Dilute the loading buffer 1:6 with the nucleic acid sample.

For example:

- Mix 1 μ l of loading buffer with 5 μ l of diluted or undiluted sample (total 6 μ l)
- Mix 2 μ l of loading buffer with 10 μ l of diluted or undiluted sample (total 12 μ l)
- Mix 3 μ l of loading buffer with 15 μ l of diluted or undiluted sample (total 18 μ l)
- Mix 4 μl of loading buffer with 20 μl of diluted or undiluted sample (total 24 $\mu l)$

Cat. No.	Loading buffer	Feature
S-5040	Loading buffer I	Containing the Orange G dye that runs at ~50 bp in 1% agarose gel.
S-5044	Loading buffer II	Containing two dyes, Xylene cyanol and Bromophenol blue that run at 4-5 kbp and 500 bp in 1% agarose gel, respectively.
S-5046	Loading buffer III	Containing three dyes, Xylene cyanol, Bromophenol blue, and Orange G that run at 4-5 kbp, 500 bp, and 50 bp in 1% agarose gel, respectively.



Notes: Research Use Only This product insert declares that this products has been analyzed and passed the quality control tests at the time of manufacture.