

RNA Protectant Solution is a unique storage medium that preserves isolated Total RNA, mRNA, miRNA samples. RNA Protectant allows for long term stabilization of RNA samples with easy sample recovery by adding Nuclease free water. RNA Protectant Solution minimizes base hydrolysis by chelating free cations from solution.

Salient Features of RNA Protectant Solution :

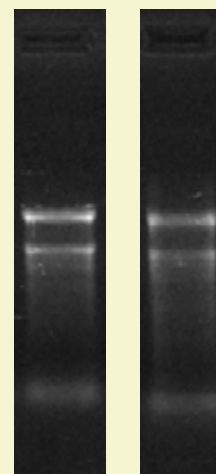
- Ship and Store purified RNA
RNA Protectant enables to stabilize total RNA samples at 4°C for several months and -20°C for years.
- Add Water for Rapid and Complete Sample Recovery
Using RNA Protectant, RNA can be recovered from samples in 10 minutes or less.
Samples can also be concentrated during the time of recovery.
- Samples can be used Directly in Downstream Applications.

USER INFORMATION :

Package Information : 20X concentration of RNA Protectant Solution is provided in each vials. It has to be added in RNA solution to obtain 1X final concentration, mixed by pipetting up and down several times and vacuum concentrated at room temperature at 1600rpm.

Storage: RNA Protectant Solution has to be stored at -20°C.

Quality Control: The RNA Protectant Solution is tested in the following quality control assays before and after packaging. Each solution is filtered through a 0.2 µm filter into the final package.



Lane 1: Fresh isolated RNA

Lane 2: RNA reconstituted after storage in RNA protectant solution for 4 weeks

Fig : 1% Denature agarose gel profile of RNA stored in RNA Protectant Solution.