

RNA Stand-by Solution

#GB33.0100 (100 ml)

(FOR RESEARCH ONLY)



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- Product:** Solution for the preservation of RNA of unprocessed samples.
- Applications:** RNA storage
- Contents:** 100ml
- Appearance:** Aqueous, transparent
(in case of precipitations, heat to 37°C and agitate to dissolve)
- Storage:** Store at room temperature
- Disposal:** RNA Stand-by Solution does not contain hazardous components and can be discarded down the sink and flushed with water.
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Usage:

RNA Stand-by Solution is an aqueous solution that inactivates RNases and preserves cellular RNA of intact fresh tissues or cells.

With RNA Stand-by, you no longer need to rush in order to process your tissue samples immediately or freeze them in liquid nitrogen. Simply immerse your fresh tissue samples in 5-10 volumes of RNA Stand-by Solution and store convenient, without putting the integrity of the RNA at risk. RNA Stand-by can be added to pieces of tissue, cell pellets and even culture medium. Using RNA Stand-by Solution does not jeopardize quality nor quantity of the RNA to be isolated subsequently, whether the sample is stored frozen or not.

RNA is stable up to 1 day when stored at 37°C, up to 1 week at room temperature, and up to 1 month in a normal refrigerator. For long term, samples should be stored frozen at -20°C to -80°C. Do **NOT** freeze immediately, but store first at +4°C overnight, in order to allow the solution to penetrate the tissue thoroughly. Remove supernatant and store at -20°C to -80°C for up to several years.