



## RNA Stand-by Solution

#GB33.0100

(For Research only)

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

### 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 sample in 5-10 volumes of RNA Stand-by Solution and store as convenient, without putting the integrity of the RNA at risk. RNA Standby 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 for 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.

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