

Water, RNase & DNase Free

Product	Con.	Cat#	Size
Water, RNase & DNase Free	1X	IBS-BW007	1 ml x 81
	1X	IBS-BW007-P	1 ml x 81
	1X	IBS-BW007a	500 ml
	1X	IBS-BW009	1000 ml
	1X	IBS-BW012	1 ml x 50

Components : Ultra-pure Water, RNase & DNase Free

Storage Conditions : RT

Description : DNase/RNase-Free Distilled Water is designed for use in all molecular biology applications.

It is 0.1- μ m membranefiltered and tested for DNase and RNase activity.

This product is RNase-free water for RNA treatment, not treated by DEPC (diethyl pyrocarbonate).

As it is not treated by DEPC, there is no worry about the inhibition of RT-PCR by residual DEPC. It is suitable for use in many applications such as the preparation of RNA sample and reaction mixture.

Quality Control :

Nuclease activity is not detected in any of the following cases, as judged from the agarose gel electrophoresis patterns :

· RNase activity check :

After incubation with 1 μ g of total RNA derived from HL60 cells and HEK293 cells for 16 hours at 37 °C

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· DNase activity check :

1. After incubation with 1 μ g of λ DNA for 16 hours at 37 °C .

2. After incubation with 1 μ g of λ -Hind III digest for 16 hours at 37 °C .

3. After incubation with 1 μ g of pBT 1.1 DNA for 16 hours at 37 °C .