

# ***DTI Nuclease Free Water***



*Made in India*



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## What is Nuclease Free Water?

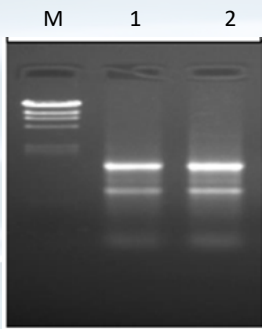
Nuclease Free Water is water that has been deionized, filtered, autoclaved, and tested for contaminants, such as endonucleases, exonucleases, and RNases. This water is rigorously tested to be certified nuclease-free, which includes DNases and RNases.

This Nuclease Free Water is suitable for use with RNA/DNA samples. It is not prepared using hazardous DEPC (diethylpyrocarbonate), and therefore avoids risk of inhibiting RT-PCR which can occur due to residual DEPC.

### The Nuclease Free Water can be used for:

- cDNA synthesis and PCR amplification
- Dilution of template as required in PCR assay
- Elution of nucleic acid during nucleic acid isolation

### Application Note



Lane M:  $\lambda$  Hind III digest marker  
Lane1, 2: Test Sample



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#### a) RNAse contamination check:

RNAse activity was not detected by agarose gel electrophoresis when 1  $\mu$ g of total RNA derived from HL60 cells was incubated with the nuclease free water for 16 hours at 37°C. Below is the electrophoresis image for the same.

#### b) DNase contamination check:

DNase activity was not detected by agarose gel electrophoresis when 1  $\mu$ g of  $\lambda$ DNA was incubated with the nuclease free water for 16 hours at 37°C. Below is the electrophoresis image for the same.

Product	Cat. No.	Pack size
DTI Nuclease Free Water	DT0801.10	1ml x10

### Why Choose DTI Brand ?

DTI is our new in-house brand, we are manufacturing products in India, where we can design products for you and deliver them to you at affordable prices.



ISO 9001 certification



Quick Turn around time



Affordable Price



Strict temperature Control



Product customization

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