

# RIBONUCLEASE INHIBITOR

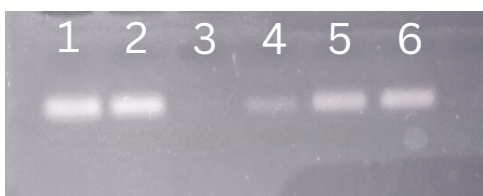
Murine enzyme expressed in E.Coli



## PRODUCT DETAIL

DX/DT RNase inhibitor is a recombinant murine enzyme which effectively inhibits RNase A, B and C. Murine RNase inhibitor is super stable compared to other enzymes sourced from human placenta and oxidation resistant. This makes it flexible and robust in applications such as [cDNA synthesis](#), [RT-PCR](#) and [invitro transcription](#).

## DATA



Above gel image (1%) clearly depicts the RNase inhibition activity of DX/DT Rnase inhibitor enzyme and other similar products in the market. 1µg of yeast RNA was incubated with 10ng of RNase A at 37°C for 1 hour with and without RNase inhibitor. From the picture;

Lane 1: 1µg of yeast RNA+10ng of RNase A+ 0.5µL of DX/DT RNase inhibitor  
Lane 2: 1µg of yeast RNA+10ng of RNase A+ 1µL of DX/DT RNase inhibitor  
Lane 3: 1µg of yeast RNA+10ng of RNase A (Complete degradation of RNA observed)  
Lane 4: 1µg of yeast RNA+10ng of RNase A+ 1µL of Ribo-Shield RNAase inhibitor  
Lane 5: 1µg of yeast RNA+10ng of RNase A+ 1µL of Takara RNAase inhibitor  
Lane 6: 1µg of yeast RNA+10ng of RNase A+ 1µL of Promega RNase inhibitor  
Conclusion: Effective inhibition of RNase A was observed with DX/DT RNAase inhibitor

## CATALOG

- **R1701 - 4000 Units (40U/µL)**
- **R1702 - 20,000 Units (40U/µL)**

## QUALITY CONTROL

### Nuclease Test

No contamination of endo or exonucleases were detected. No contamination of RNase detected.

### Purity

SDS - PAGE purity  $\geq$  98%

## ORDERING INFORMATION

### Contact

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### More information

www.dxbidt.com