

FT-1D8970



Genomic DNA removal kit

Suited for gDNA removal of RNA in qPCR settings from samples with good RNA quality as some loss of RNA integrity can be expected.

Product Description

Catalog #:	1D8970, 50 tests
Name:	Genomic DNA removal kit
Contents:	10X reaction Buffer HL-dsDNase (50 reactions)
Quality Control :	The kit is tested for absence of RNase
Storage:	-20°C

Technical and Scientific Information

The kit contains HL-dsDNase which efficiently removes gDNA from RNA preps before running RT-qPCR.

- gDNA is removed, leaving RNA ready for reverse transcription in the same tube (Figure 1).
- Heat-labile dsDNase can easily be inactivated.
- This procedure minimizes pipetting steps and reduces hands-on time.
- The Heat&Run kit is especially well suited for high throughput experiments.

The high activity of the HL-dsDNase at low temperature and its heat-lability makes it ideal to use in a combination with a heat activated RT enzyme. The contaminating genomic DNA is cleaved at ambient temperature and increasing the temperature over 50°C will inactivate the DNase and start the Reverse Transcriptase.

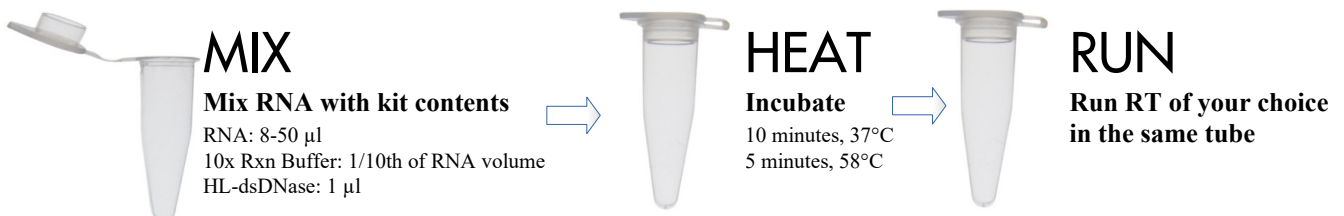


Figure 1: Heat&Run protocol

References

- [1]. Ramírez AL *et al.* Metagenomic analysis of the virome of mosquito excreta, *mSphere*. 2020; 5(5): e00587-20.
[2]. Silva-Fisher JM *et al.* Long non-coding RNA RAMS11 promotes metastatic colorectal cancer progression, *Nat Commun*. 2020; 11, 2156.

Ordering information

Catalog size quantities and prices may be found at <http://www.interchim.com>.

Please inquire for higher quantities (availability, shipment conditions).

Please contact InterBioTech – Interchim for any other information

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