

HighPrep Total RNA Plus Kit

Efficient purification of high-quality RNA from various tissues, cells, and blood samples

Rapid High Quality Total RNA Isolation and Recovery from a Variety of Samples

Description

The HighPrep Total RNA Plus Kit is specifically designed to purify total RNA from diverse sources, including tissues, cultured cells, buccal swabs, and whole blood. It efficiently isolates high-quality RNA from 5–30 mg of tissue, 200 μ L of whole blood, or 1×10^6 cultured cells, making it ideal for all major downstream applications.

Benefits

- High quality and purity RNA with excellent RIN-ready for downstream analysis
- Safe – no chloroform or phenol step
- Isolate total RNA, including RNA size of <200 nts
- High RNA recovery
- Applicable in a variety of sample types

Applications

- Reverse transcription for cDNA synthesis
- RT-PCR, RT-qPCR
- RNA seq libraries: variant detection and allele specific expression
- Microarray
- Northern blotting



Quality RNA Extraction from a Variety of Samples

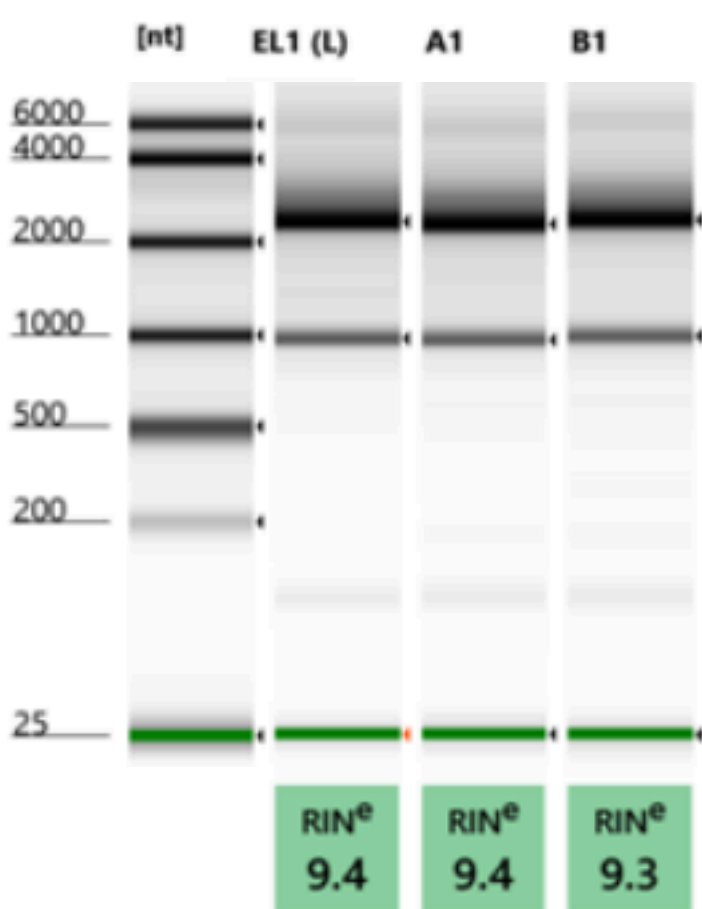


Figure 1: RNA from fresh human blood

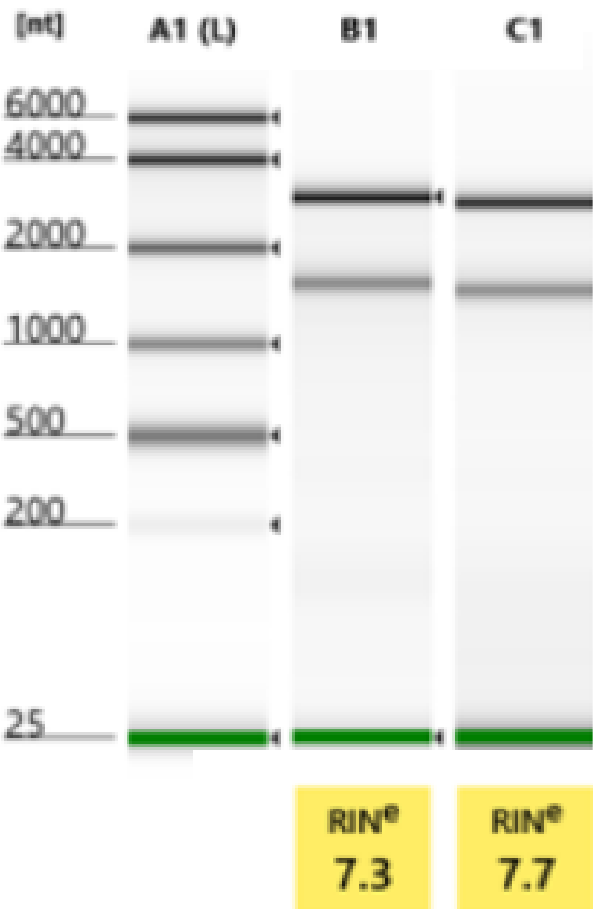


Figure 2: RNA from buccal cells

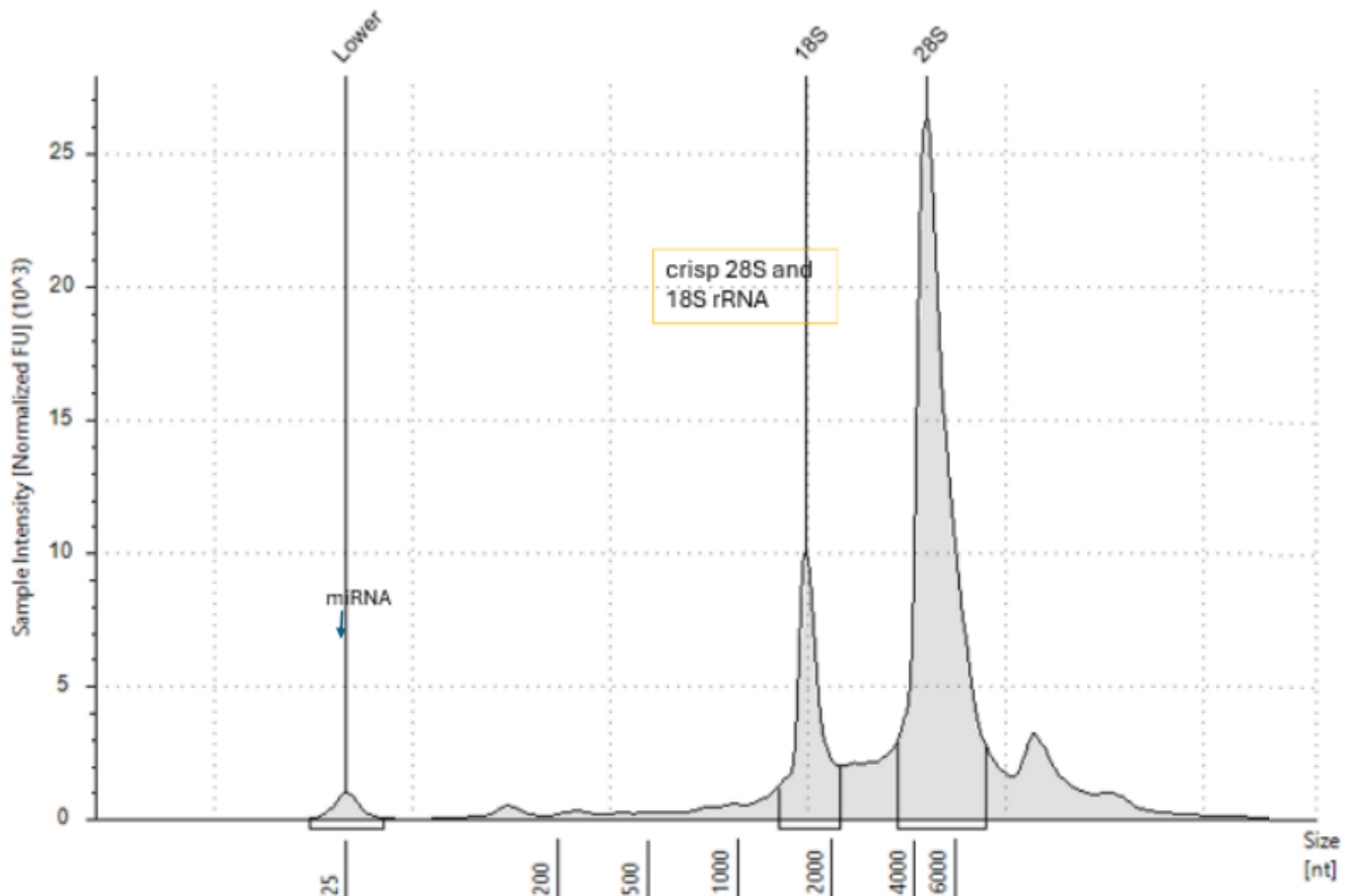


Figure 3: Electropherogram of RNA extracted from HepG2 cells that were frozen for a month. The crisp 28S and 18S rRNA is indicative of intact RNA.

HighPrep Total RNA Plus Kit Performance vs Competitor Z

Sample Type	Input Amount	MagBio Kit	Company Z Kit
HepG2 Cells	1×10^6	3.165	3

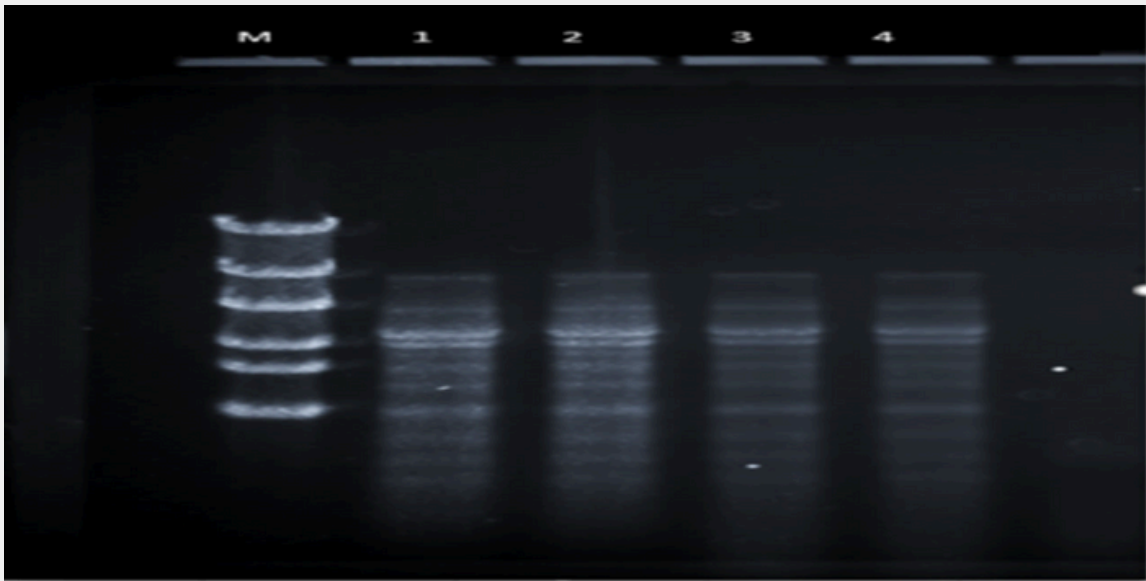


Figure 4: About 1×10^6 HepG2 frozen cells' RNA was extracted using the HighPrep Total RNA Plus kit and Competitor Z's kit. Lane M: marker; Lanes 1–2: Competitor Z; Lanes 3–4: HighPrep Total RNA Plus kit.

Ordering Information

HighPrep Total RNA Plus Kit comes in 50, 100, and 400 preps.

Catalog Number	Product
HPTOR-R50	HighPrep Total RNA Plus Kit (50 Preps)
HPTOR-R100	HighPrep Total RNA Plus Kit (100 Preps)
HPTOR-R100x4	HighPrep Total RNA Plus Kit (400 Preps)

RNA Suitable for Downstream Application: RT-PCR of RNA from Buccal Cells

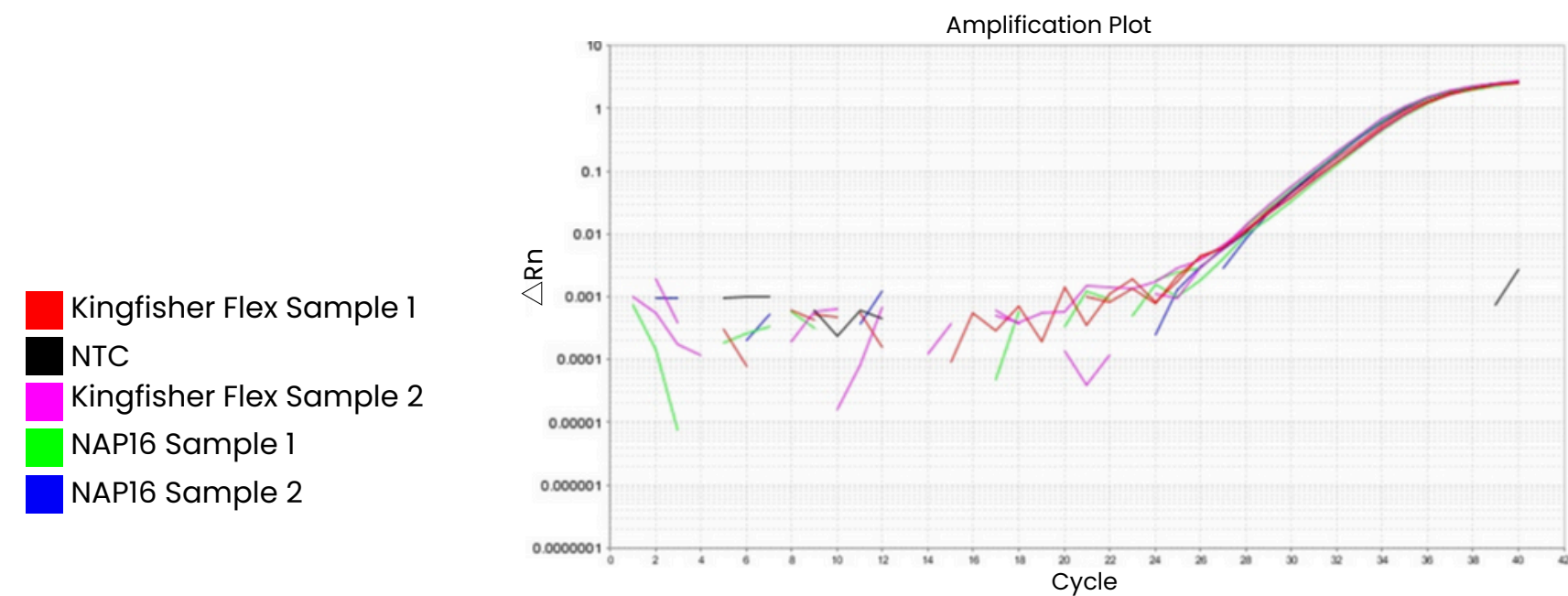


Figure 5: Both NAPI6 and KingFisher™ Flex extracted quality RNA that is amplifiable, and they have a similar performance as shown by the amplification curves.

Get Your Free Sample!

- Request your sample today at: www.magbiogenomics.com/request-a-sample
- Place an order directly at: orders@magbiogenomics.com
- For additional details about HighPrep Total RNA Plus Kit, you can visit our website: www.magbiogenomics.com/highpreptm-total-rna-kit.html