

# C•Prep

## C Prep RNA Isolation Kits NEXT GENERATION RNA SAMPLE PREPARATION

### Overview

The C Prep RNA Isolation kits from Life Magnetics utilize patented magnetic carbon beads that bind only single-stranded nucleic acids during the extraction process. This eliminates the need for DNase treatment and produces higher yields of the best quality RNA for downstream applications. The C Prep technology improves RNA yields by a factor of four compared to other commercial kits while efficiently capturing short RNA, like micro RNA, and delivering near perfect RNA integrity numbers.



### Technology Highlights

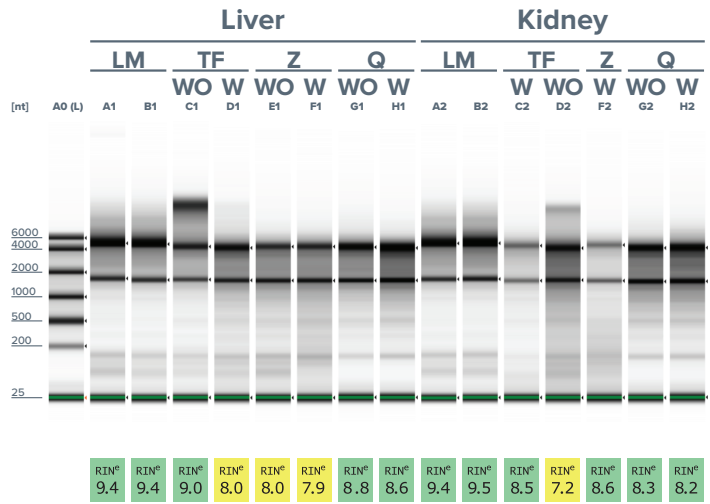
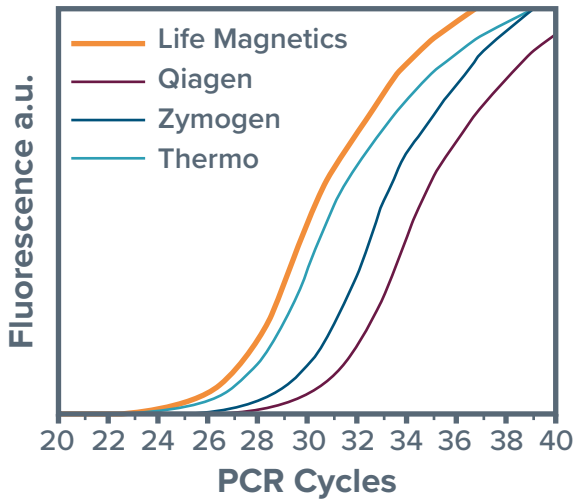
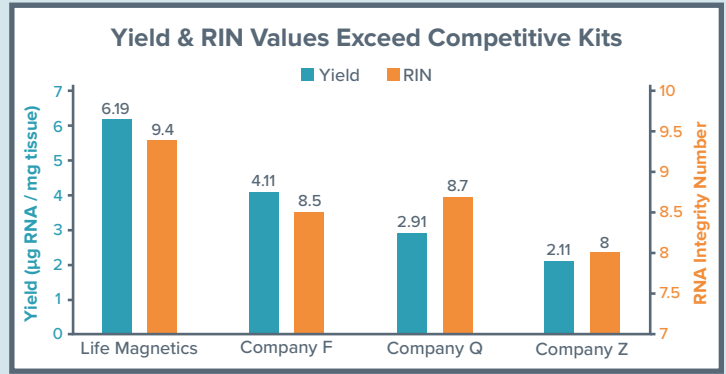
- Trizol extractions in less than 15 minutes, Chloroform-free
- Higher yields of low molecular weight RNA
- Simple, automation friendly protocol
- High purity & quality without DNase Treatment
- RNA is stable at ambient temps for 30+ days



Life  
Magnetics

# Carbon-based Magnetic Beads for Higher Yield and More Stable RNA

Whether looking at total RNA, whole transcriptomes or long non-coding RNAs, C Prep RNA Isolation Kits deliver the longest in-tact transcripts available for in-depth analysis on long-read sequencing platforms.



**HIGHEST YIELDS AVAILABLE:** Amplification plots of the SDHA gene with RNA isolated from 231 cells using four products, the Life Magnetics kit, Qiagen RNeasy, Zymogen Direct-zol, and Fisher MirVana.

**BEST QUALITY RNA WITHOUT DNA CONTAMINATION:** Electrophoretogram of the total RNA fragments as measured by an Agilent 2100 Bioanalyzer. The RNA Integrity Number (RIN) for total RNA of Liver and kidney tissues extracted with Life Magnetics (LM), Zymo Research (Z), ThermoFisher (TF), and Qiagen (Q) RNA isolation kits with (W) and without (WO) DNase treatment. The LM kit never uses DNase treatment.

## Product Table

SKU	DESCRIPTION	PREPS	PRICE
CPC-0050	C Prep RNA Isolation Kit – Cells	50	\$235
CPC-0250	C Prep RNA Isolation Kit – Cells	250	\$995
CPZ-0050	C Prep RNA Isolation Kit – Trizol	50	\$225
CPZ-0250	C Prep RNA Isolation Kit – Trizol	250	\$945

C-Prep



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