



**ZYMO RESEARCH**  
*The Beauty of Science is to Make Things Simple*

# GET IT DIRECT



## TRIzol<sup>®</sup> In. RNA Out.

Direct-zol<sup>™</sup> RNA (any sample: blood, cells, tissue, etc.)

- **Easy Handling:** No phase separation or precipitation steps.
- **NGS-Ready:** Ultra-pure RNA without phenol carryover. No DNA contamination (DNase I included).
- **Non-Biased:** Complete RNA recovery without miRNA loss.



[info@zymoresearch.com](mailto:info@zymoresearch.com)



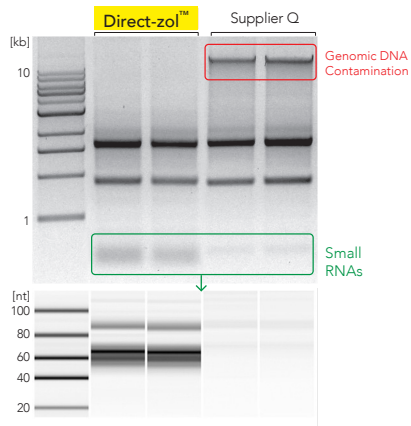
[www.zymoresearch.com](http://www.zymoresearch.com)



Toll Free: (888) 882-9682

# Direct-zol™ RNA Kits RNA from TRIzol® in 7 minutes

## NGS-Ready RNA



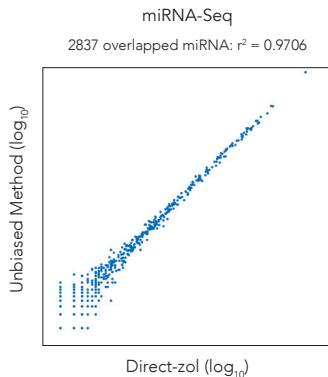
High-quality intact small and large RNAs are efficiently recovered using a Direct-zol™ RNA kit compared to using a Supplier Q kit. RNA is DNA-free and ready for all downstream applications including NGS.

## Bind RNA



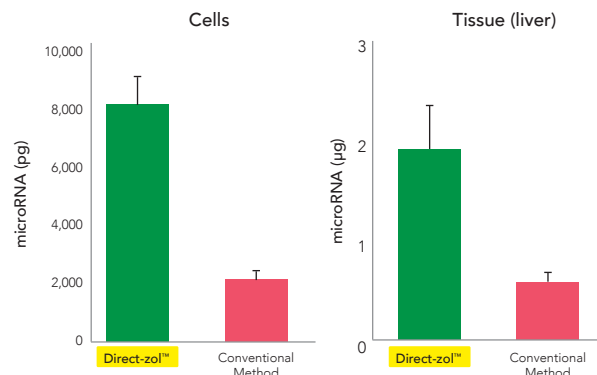
directly  
to a  
spin-column

## Non-Biased miRNA Recovery



RNA purified from TRIzol® using Direct-zol™ RNA compared to an unbiased method (mirVana™, Ambion). Data is highly correlated (2837 overlapped miRNA:  $r^2 = 0.9706$ ). Analysis was performed using miRNA-Seq (MiSeq®, Illumina).

## Highest Yields



Direct-zol™ RNA kits recovered ~4-fold more miRNAs (<40 nt) than conventional methods. miRNAs purified from cells and tissue were quantified using Bioanalyzer small RNA chip.

Product	Cat. No.	Size	Binding Capacity	Minimum Elution	(Animal) Cells	Tissue
Direct-zol™ RNA Miniprep Plus Kit	R2070, R2071* R2072, R2073*	50 preps 200 preps	100 µg	50 µl	$\leq 10^7$	$\leq 50$ mg
Direct-zol™ RNA Miniprep Kit	R2050, R2051* R2052, R2053*	50 preps 200 preps	50 µg	25 µl	$\leq 5 \times 10^6$	$\leq 25$ mg
Direct-zol™ RNA Microprep Kit	R2060, R2061* R2062, R2063*	50 preps 200 preps	10 µg	6 µl	$\leq 10^6$	$\leq 5$ mg
Direct-zol™ -96 RNA Kit	R2054, R2055* R2056, R2057*	2 x 96 preps 4 x 96 preps	10 µg	10 µl	$\leq 10^6$	$\leq 5$ mg
Direct-zol™ -96 MagBead RNA Kit	R2100, R2101* R2102, R2103*	96 preps 4 x 96 preps	10 µg	50 µl	$\leq 10^6$	$\leq 5$ mg

\*Supplied with TRI Reagent®  
Compatible with samples stored in TRIzol®, TRI-Reagent®, RNAzol®, QIAzol®, and all other acid-guanidinium-phenol reagents.