

# HighPrep RNA Elite

Magnetic bead-based reagent for manual and automated clean-up or RNA concentration



## High RNA Recovery

Adaptable for High-throughput purification of RNA or cDNA Protocol enables recovery of micro RNA, small RNA and total RNA from enzymatic reactions

## Manual & Automated Workflows

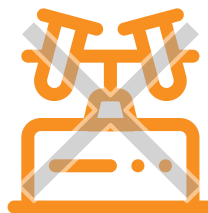
Protocol can be adapted to both manual procedures and automatic liquid handling instruments

## Clean Up & Concentration

Can be used for RNA clean-up and concentration of RNA from different samples



**Rapid and reliable clean-up of ss cDNA and RNA**



**No centrifugation or filtration**



**Complete removal of salts, unincorporated primers, and nucleotides**

## Downstream Applications

- cDNA synthesis
- RT-PCR
- Sequencing
- In-vitro transcription
- RNA probe synthesis
- miRNA and siRNA preparation



### Compatible Sample Types

**RNA** (micro, small, antisense, total)

**cDNA**

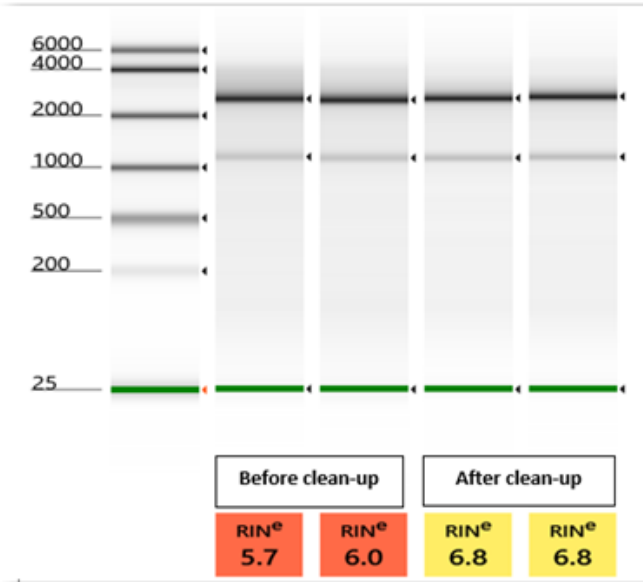
**ssDNA**

# HighPrep RNA Elite

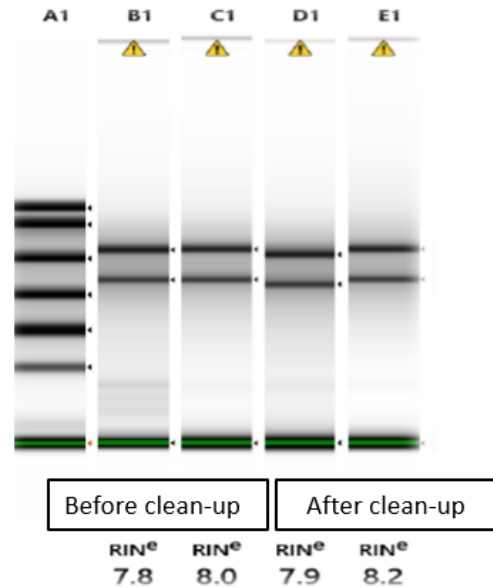
## Data

### Efficient RNA Clean up using HighPrep RNA Elite

RNA cleaned up at both high and low inputs while maintaining integrity of RNA



1.8x clean-up of total RNA from frozen HEPG2 cells shows RIN improvement from RIN 5.7/6.0 before clean-up versus RIN 6.8 after clean-up.



1.8x Clean-up of Total RNA from Plant Leaf Cells shows RIN improvement from RIN 7.8/8.0 before clean-up versus RIN 7.9 /8.2 after clean-up.

CAT. #	Product Name
RC-90005	HighPrep RNA Elite (5ml)
RC-90050	HighPrep RNA Elite (50ml)
RC-90250	HighPrep RNA Elite (250ml)
RC-90500	HighPrep RNA Elite (500ml)