

AccuPure miRNA Mini Kit



For automated extraction on iColumn 12/24 System



For a long time, these small nucleotides are ignored.

MicroRNA (miRNA) are a small RNA molecules which are typically 19-25 nt in length. Cumulating data suggest that miRNA can be utilized as biomarkers for the diagnosis and prognosis of variety diseases.

For research or clinical applications, extraction of rare miRNA from plasma, serum or body fluids is a crucial step. Running this kit on iColumn 12/24 system, we can easily get high quantity and purity of miRNA from plasma, serum, cell-free body fluids and cell-culture supernatants automatically.

FEATURES

- Fully automated
- No organic solvent required
- Efficient purification of miRNA from liquid biopsy
- High-purity miRNA for sensitive downstream applications

WORKFLOW

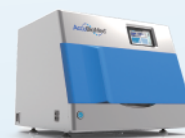
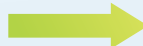
600 μ l
Serum/
Plasma



Add
Lysis Buffer

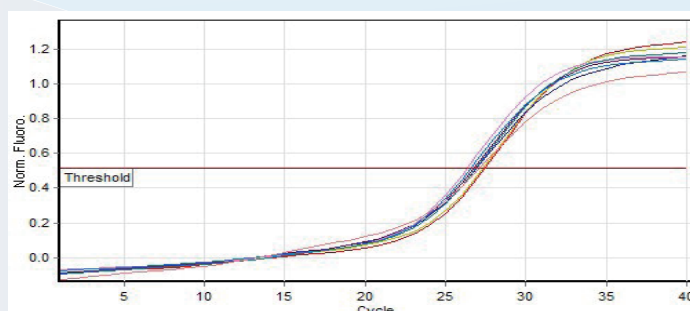
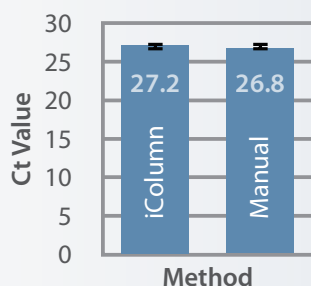


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PK



PERFORMANCE

- As good as manual



Effective purification of miRNA compared with manual purification Kit

Spike-In ce-miR-39 in 600 μ L plasma were purified using AccuPure miRNA Mini Kit and manual kit. RT-qPCR data shows that Ct values of cel-miR-39 are no difference between two extraction methods.

SPECIFICATION

AccuPure miRNA Mini Kit (R13096)	
Sample type	Serum, Plasma or Cell free body fluids
Sample volume	600 μ l
Elution volume	50 μ l
miRNA Recovery	Able to catch miRNA \geq 14nt
Method	Column based
System	For iColumn 12/24 System
Applications	1. Biomarker Discovery 2. RT-PCR, RT-QPCR, miRNA array

ORDERING INFORMATION

Product	Cat. No.
AccuPure miRNA Mini Kit (96 rxn)	R13096

AccuPure Cell/Blood RNA Mini Kit



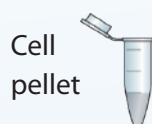
For automated extraction on iColumn 12/24 System



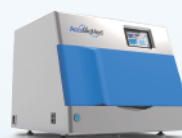
FEATURES

- Fully automated
- Non-organic reagent
- Removal of contaminants and inhibitors
- High-purity RNA for downstream applications

WORKFLOW

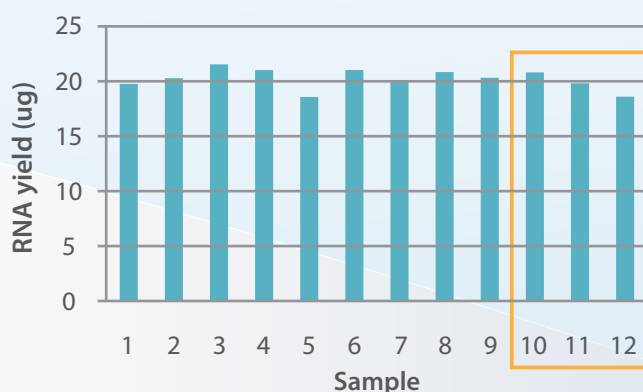


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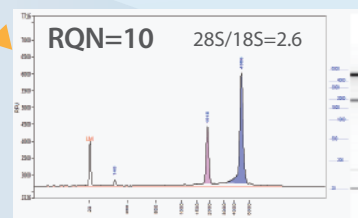
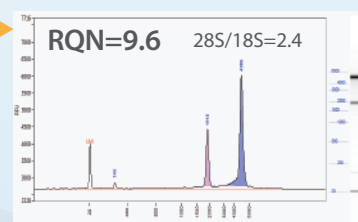
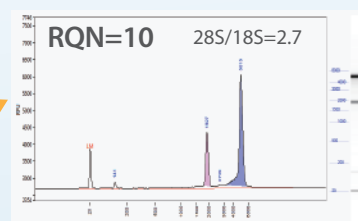
PERFORMANCE

- High yield, purity and integrity



Sample	Yield (ug)	260/280	260/230
Mean	20.21	1.99	2.02
Stdev	0.93	0.04	0.07
CV (%)	4.61	1.96	3.68

RNA was purified from 3×10^6 CHO cells using the AccuPure Cell/Blood RNA Mini Kit on the iColumn.



SPECIFICATION

AccuPure Cell/Blood RNA Mini Kit (R10096)	
Sample type	Whole blood, buffy coat, body fluids, lymphocytes or cultured cell
Sample volume	200-300 μ l
Elution volume	50, 100, 150, 200 μ l
Method	Column based
System	For iColumn 12/24 System
Applications	RT-PCR, RT-QPCR, RNA array

ORDERING INFORMATION

Product	Cat. No.
AccuPure Cell/Blood RNA Mini Kit (96 rxn)	R10096



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