Overview

Procedure

No Phenol, Superior Results

No DNase Treatment Required

Competitive Performance

Automated on QIAcube Connect

Sample to Insight Solutions

Ordering Information

miRNeasy Tissue/Cells Advanced Micro Kit

Goodbye phenol.
Hello excellent results.

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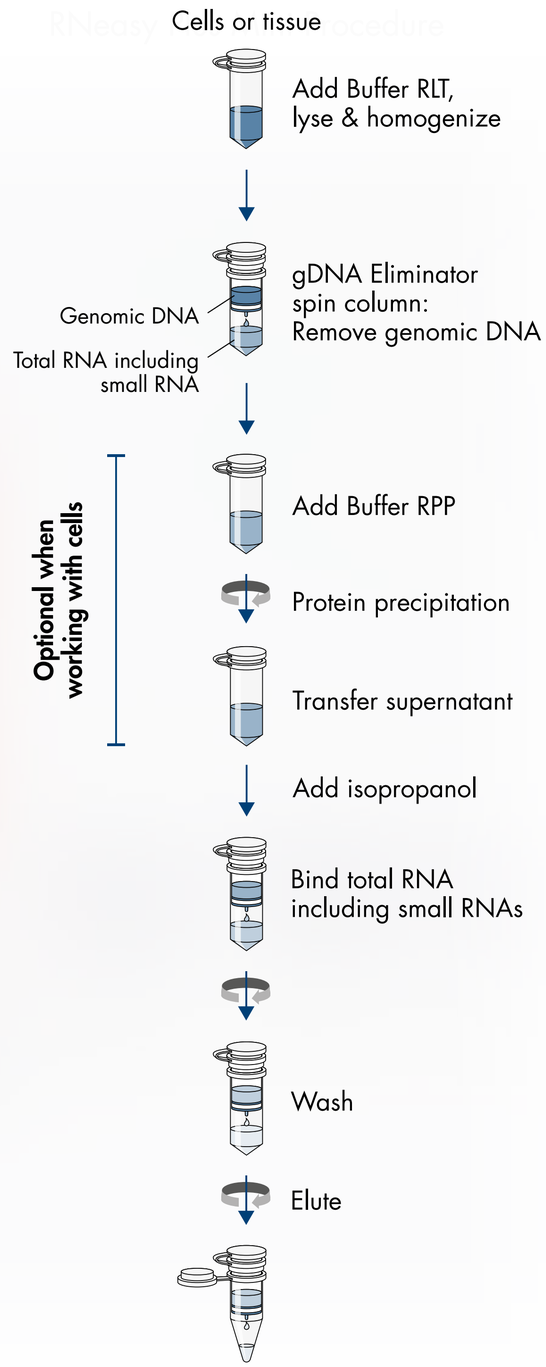
Procedure

Purify mircoRNA and total RNA from tissues and cells in less than 55 minutes from up to 22 samples

- Phenol-free miRNA isolation protocol
- gDNA Eliminator Columns omit DNA digestion step
- Optional protein precipitation step for tissue samples
- Easy and convenient: bind – wash – elute
- RNeasy UCP MinElute Columns allow elution volumes down to 10 µl



Download Handbook

Download Quick-Start Protocol

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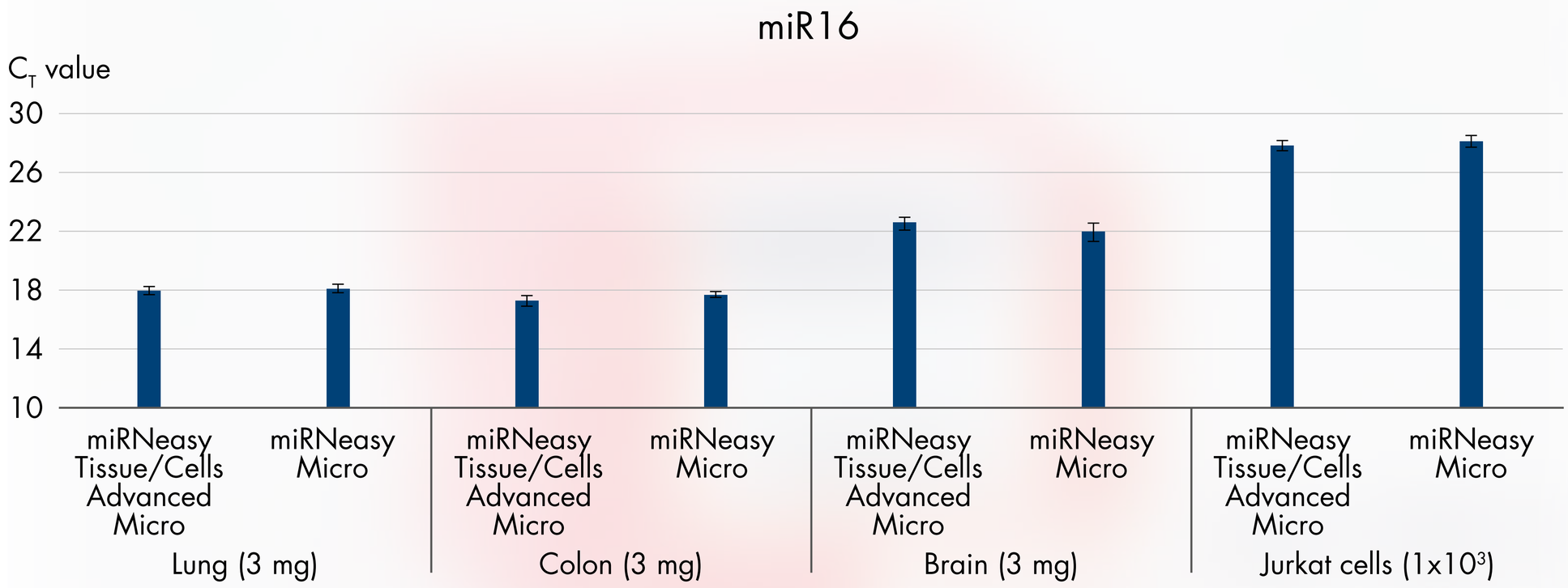
High recovery of miR16 from tissues and cells without the need for phenol



Omitting phenol:

- Enables excellent recovery of miRNA and mRNA (data not shown)
- Makes tedious phase separation obsolete

→ Advanced chemistry for fast, safe and easy miRNA isolation.

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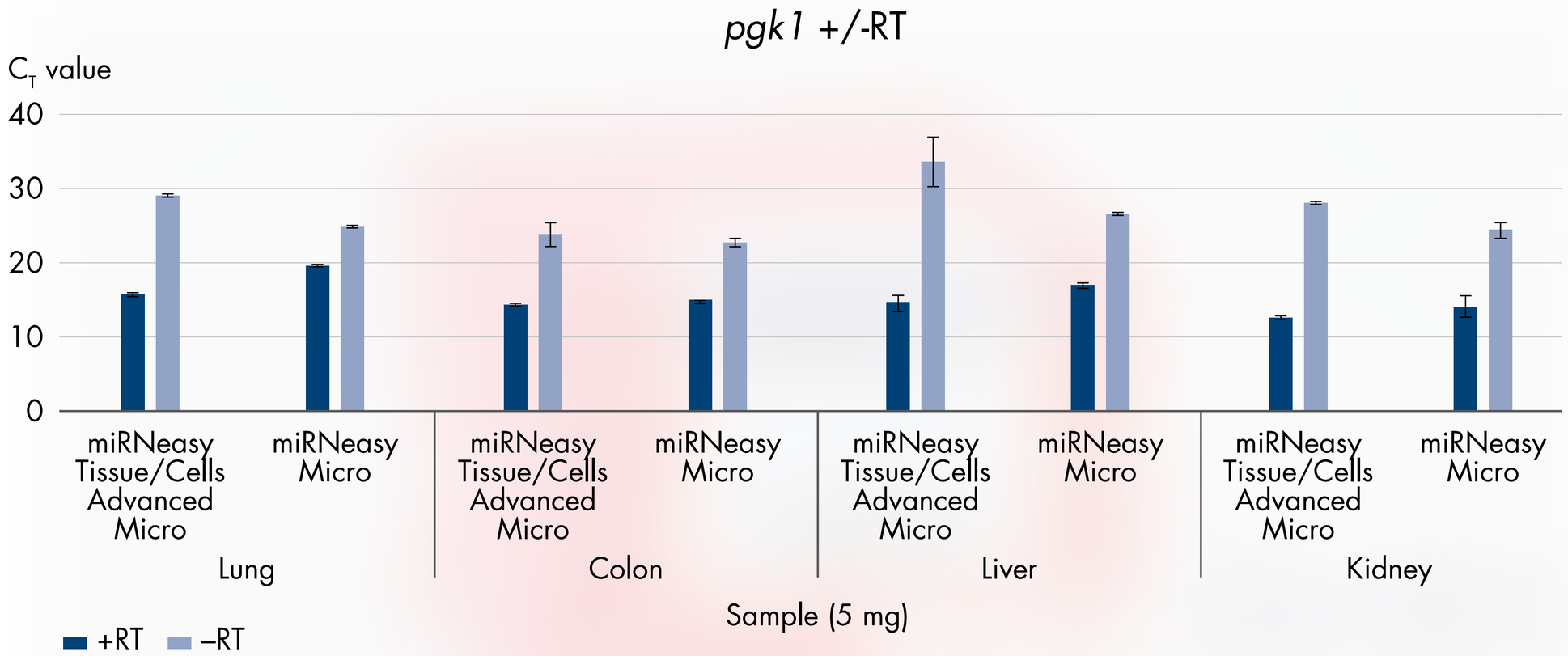
Total RNA extraction – effective genomic DNA removal



- Higher performance with the miRNeasy Tissue/Cells Advanced Mini Kit for samples not treated (–RT: light bars) indicating higher gDNA removal.

→ gDNA Eliminator Columns add convenience and save time.

→ Improved gDNA removal minimizes unbiased analysis of intronless genes.

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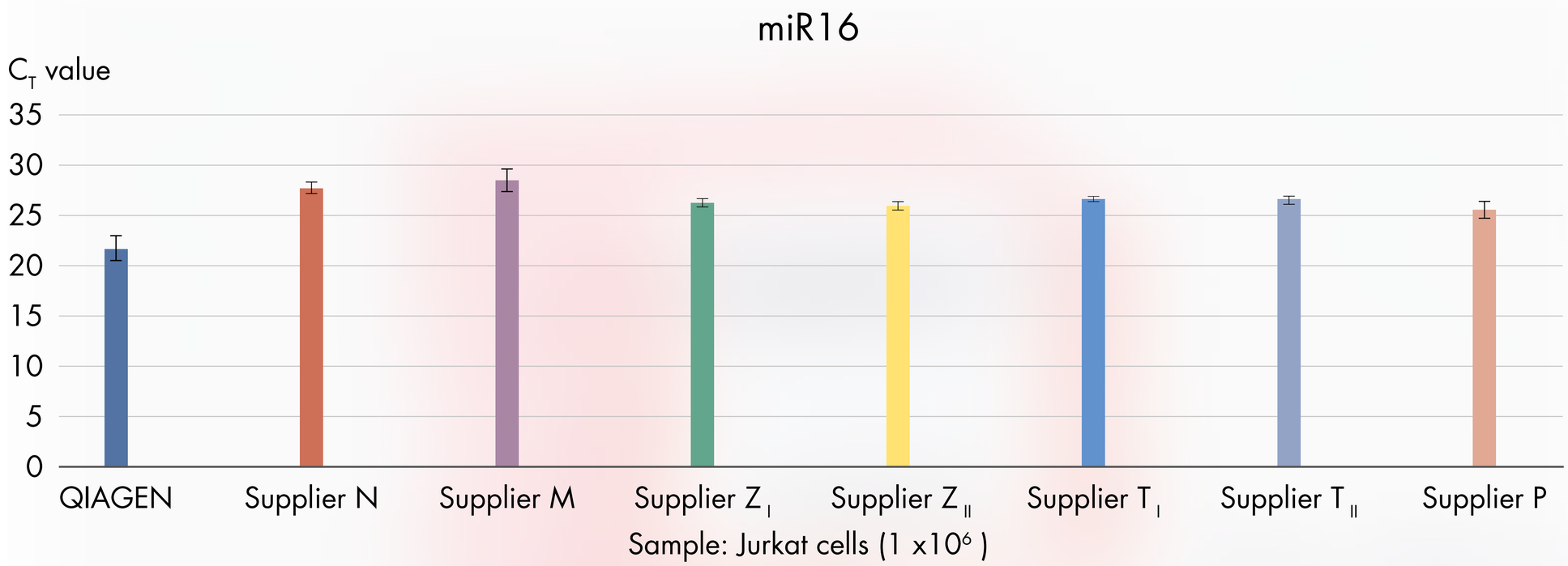
Competitive performance



miRNeasy Tissue/Cells Advanced Mini Kit offers a unique combination of:

- Excellent performance
- Fast and easy procedure
- Less exposure to toxic components

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Easy automation on QIAcube Connect due to advanced chemistry

- No change of purification chemistry when using the QIAcube Connect
- Increased productivity with automated sample extraction
- Standardized results due to complete automation

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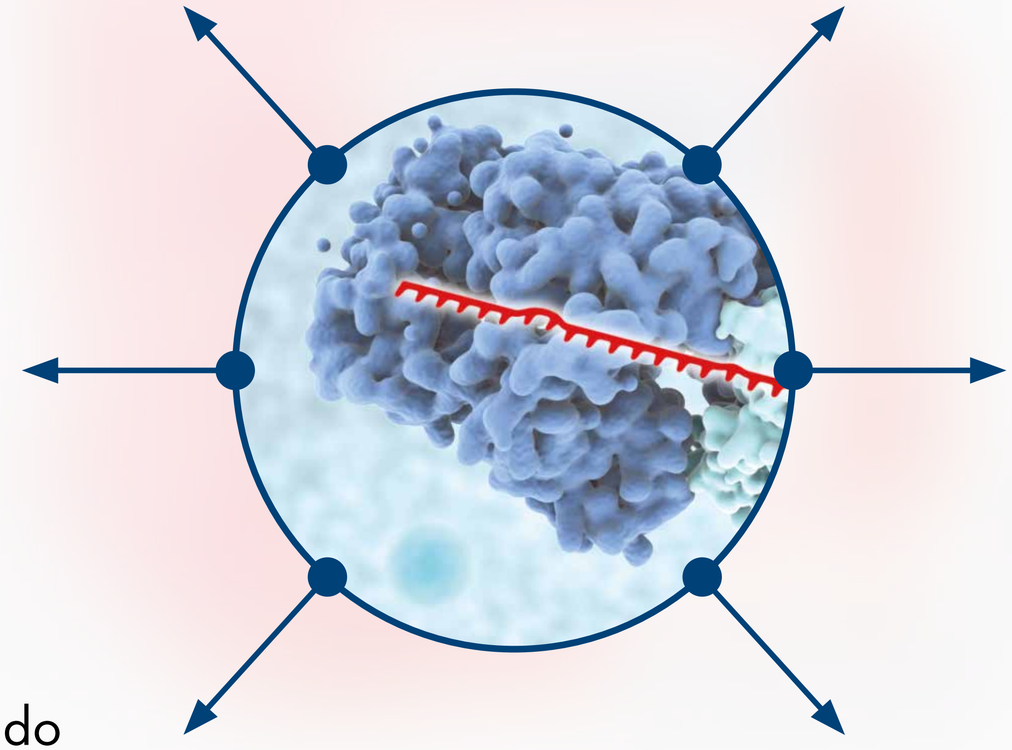
Efficient isolation of miRNA without compromising integrity

- miRNeasy Tissue/Cells Advanced Mini Kit
- miRNeasy Tissue/Cells Advanced Micro Kit
- miRNeasy Serum Plasma Advanced Kit
- miRNeasy FFPE Kit

Validation by qPCR with unmatche sensitivity and specificity

- miRCURY LNA PCR System



Interpretation and visualization of your data within biological context

- Ingenuity IPA

miRNA sequencing for new biomarker discovery:

- QIAseq miRNA Library Kit
- QIAseq miRNA Library QC Spike-ins
- QIAseq miRNA Library QC PCR Panel and Assays

Let our RNA experts do the work for you

- Complete RNA sequencing service covering everything from initial consultation to advanced data analysis and interpretation

Bioinformatics software

- CLC Genomics Workbench V12

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Product	Contents	Cat. no.
miRNeasy Tissue/Cells Advanced Micro Kit (50)	For 50 preps: RNeasy UCP MinElute Spin Columns, gDNA Eliminator Spin Columns, Collection Tubes, RNase-Free Water and Buffers	217684
miRNeasy Tissue/Cells Advanced Mini Kit (50)	For 50 preps: RNeasy Mini Spin Columns, gDNA Eliminator Spin Columns, Collection Tubes, RNase-Free Water and Buffers	217604
miRNeasy Serum/Plasma Advanced Kit (50)	For 50 total RNA preps: 50 RNeasy MinElute Spin Columns, Collection Tubes (1.5 ml and 2 ml), RNase-Free Reagents and Buffers	217204
miRNeasy 96 Advanced QIAcube HT Kit (5)	For 480 preps: RNeasy 96 plates, RNase-free water, buffers	217261
miRCURY qPCR Assay	For exceptionally sensitive and specific miRNA profiling using LNA-enhanced miRNA qPCR	Various
QIAseq miRNA Library Kit	For gel-free miRNA library prep from as little as 1 ng total RNA for Illumina® sequencers	331502 331505
QIAcube Connect	Robotic workstation for automated purification of DNA, RNA or proteins using QIAGEN spin-column kits: includes tablet and Q-Base to connect to local network, bar code reader and 1-year warranty on parts and labor	Various
QIAcube HT	Robotic workstation with UV lamp, HEPA filter, laptop, QIAcube HT operating software, startup pack, installation and training, 1-year warranty on parts and labor	Various

For up-to-date licensing information and product-specific disclaimers, see the respective QIAGEN kit handbook or user manual. QIAGEN kit handbooks and user manuals are available at www.qiagen.com or can be requested from QIAGEN Technical Services or your local distributor.

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