QIAGEN

miRNeasy® Tissue/Cells Advanced Mini Kit

Overview

Procedure

No Phenol, Excellent Results

No DNase Treatment Required

Competitve Performance

Automated on QIAcube Connect

Sample to Insight Solutions

Ordering Information

Goodbye phenol.
Hello excellent results!

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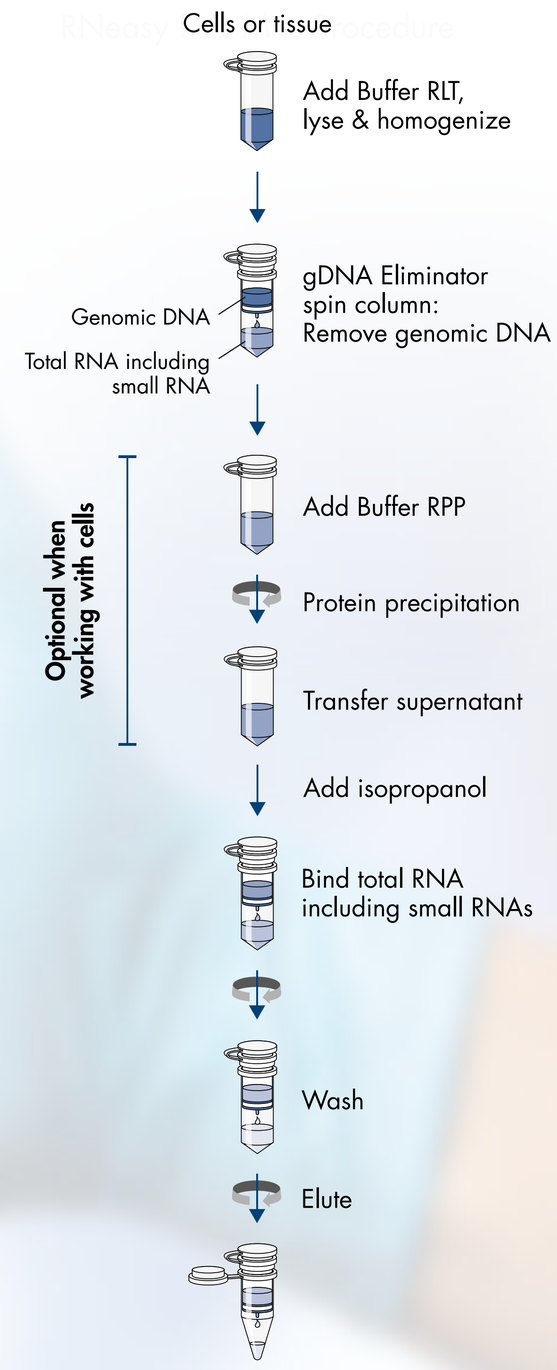
microRNA and total RNA purification from tissues and cells

Advanced generation of well-established miRNeasy Mini Kit

- Phenol-free miRNA isolation protocol
- gDNA Eliminator Columns included to omit DNA digestion
- Protein precipitation step for tissue samples included
- Efficient enrichment of miRNA and mRNAs
- Consistent, pure RNA for all downstream applications
- 21 samples in less than 55 minutes



To learn more, go to our webpage

Download Quick-Start Protocol

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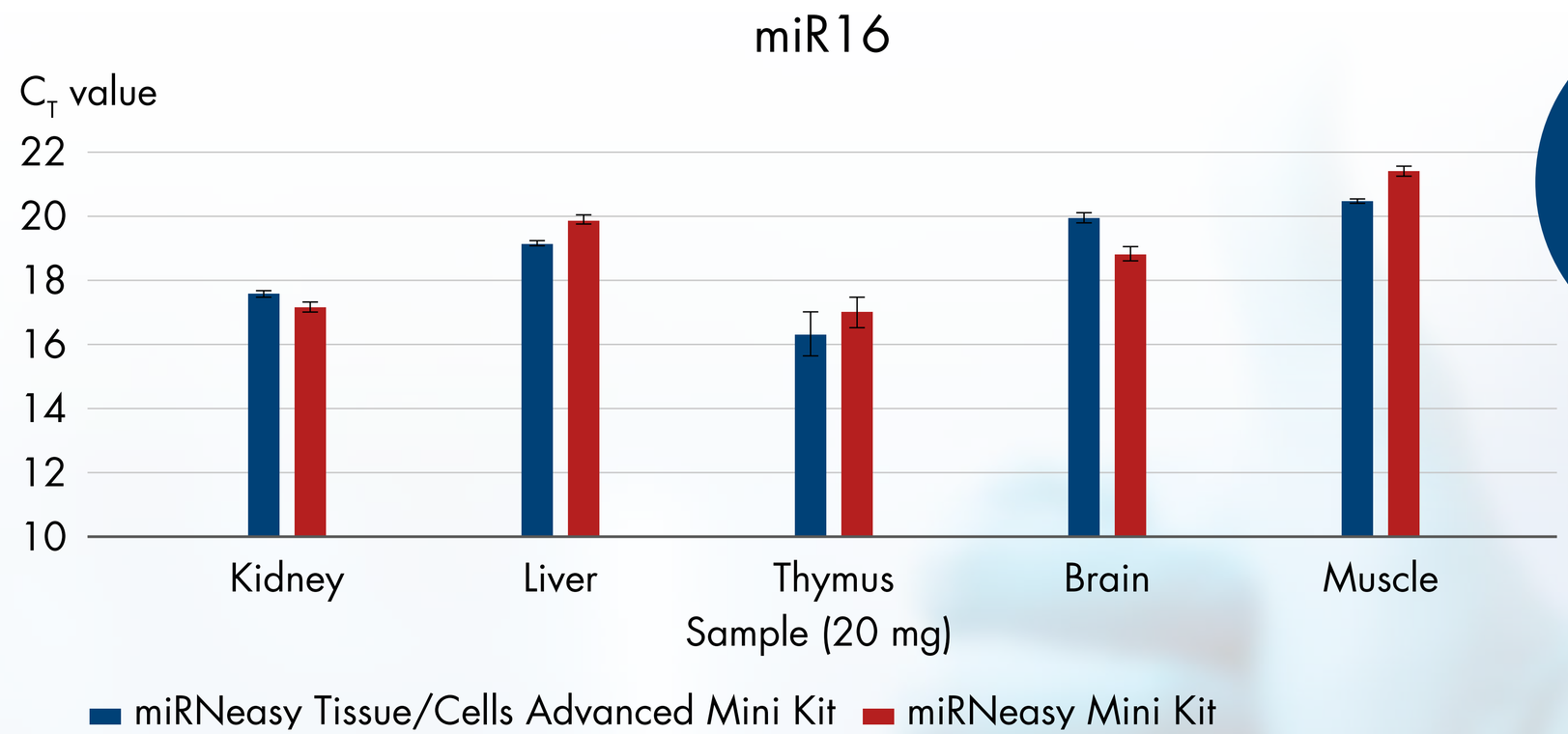
High recovery of miRNA without the need for phenol



Phenol-free protocol for enhanced safety

- Omitting phenol enables excellent or equal performance for miRNA and mRNA (not shown)
- Omitting phenol makes the phase separation obsolete

Advanced chemistry for fast, safe and easy to use miRNA isolation

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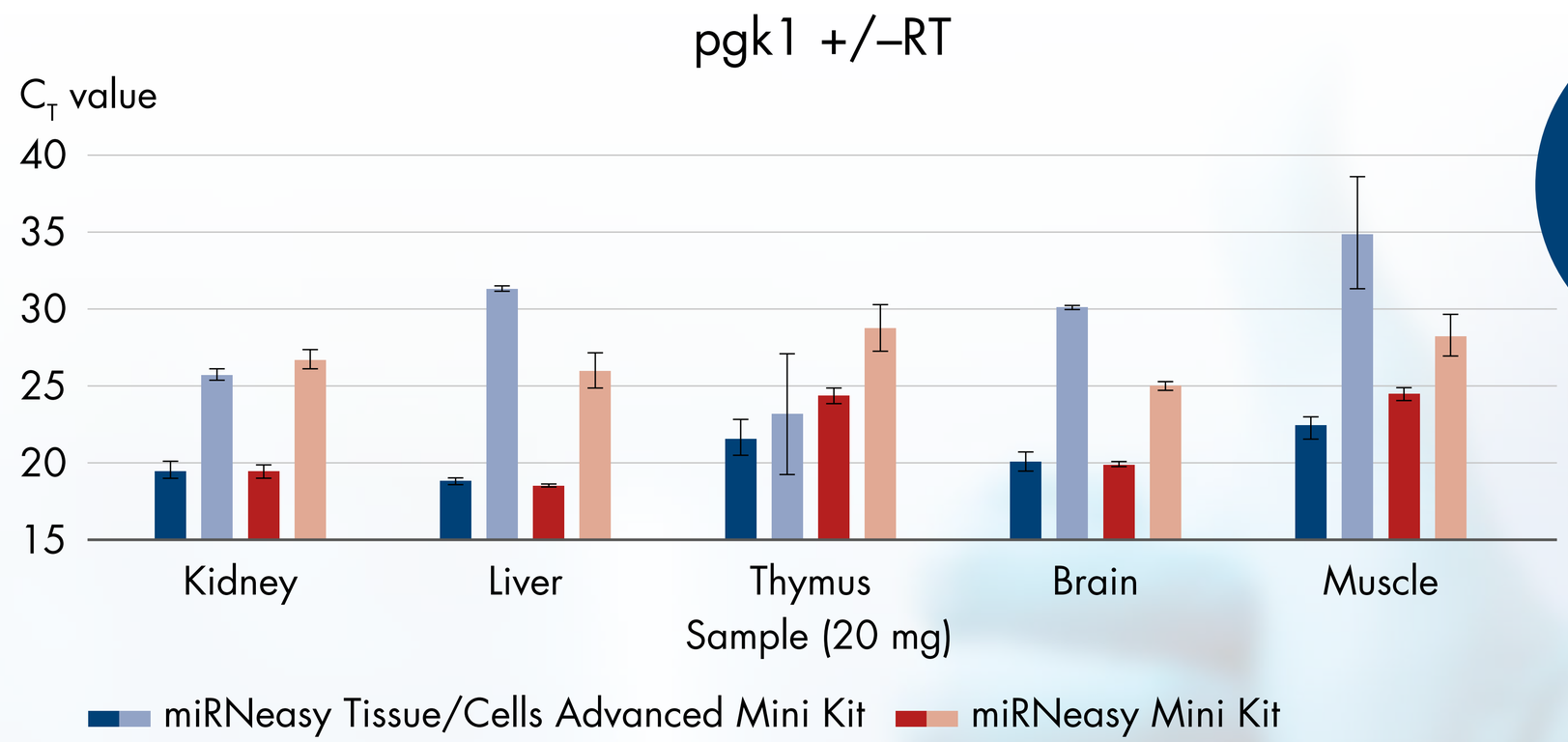
Total RNA extraction: effective genomic DNA removal



Saving 15 minutes

- Comparable C_T values for both kits, for samples treated with Reverse Transcriptase (+RT: dark bars)
- Better performance with the miRNeasy Tissue/Cells Advanced Mini Kit for samples not treated (–RT: light bars) indicating better gDNA removal

gDNA Eliminator Columns add convenience and save time

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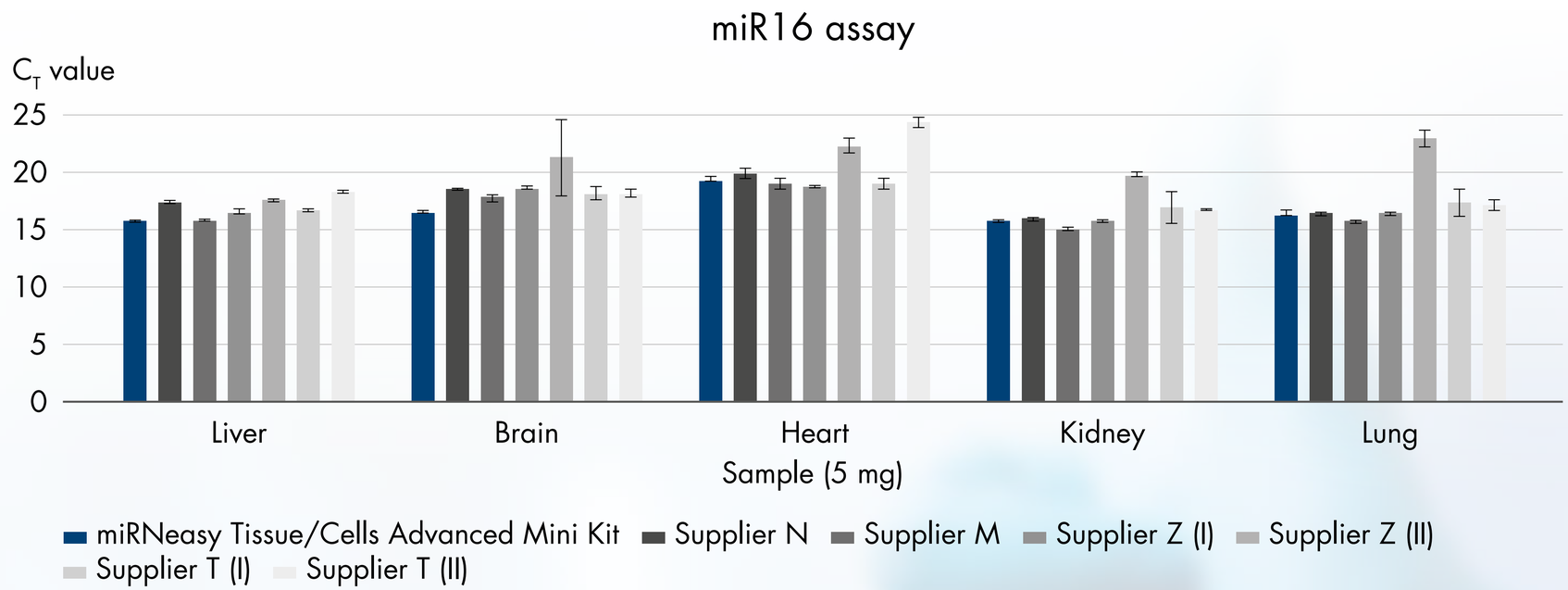
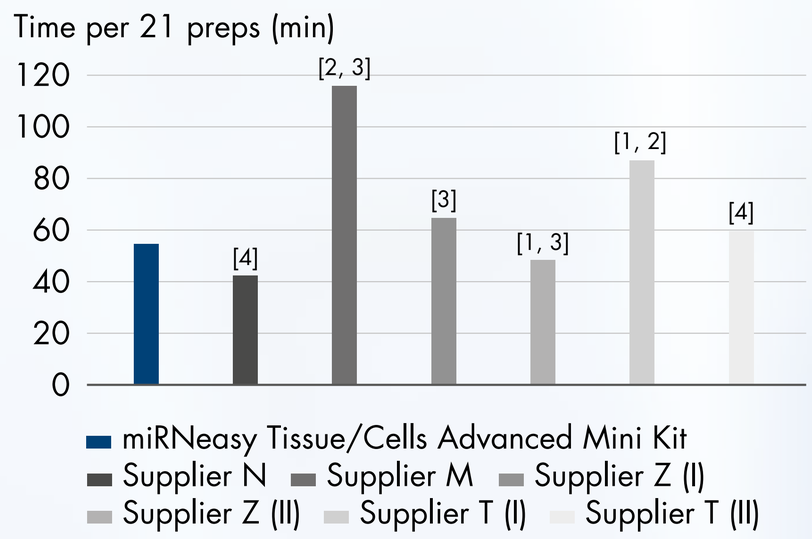
Competitive performance





[1] – Requires phenol/chloroform
[2] – Requires β-mercaptoethanol
[3] – Recommends DNase treatment
[4] – Limited sample input

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

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

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Easy automation on QIAcube Connect

Automatable on QIAcube Connect

- No change of purification chemistry required
- More free time with affordable automated processing
- Full connectivity for easy monitoring and quick response

To learn more, go to QIAcube Connect webpage

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Sample to Insight solutions

miRNA isolation

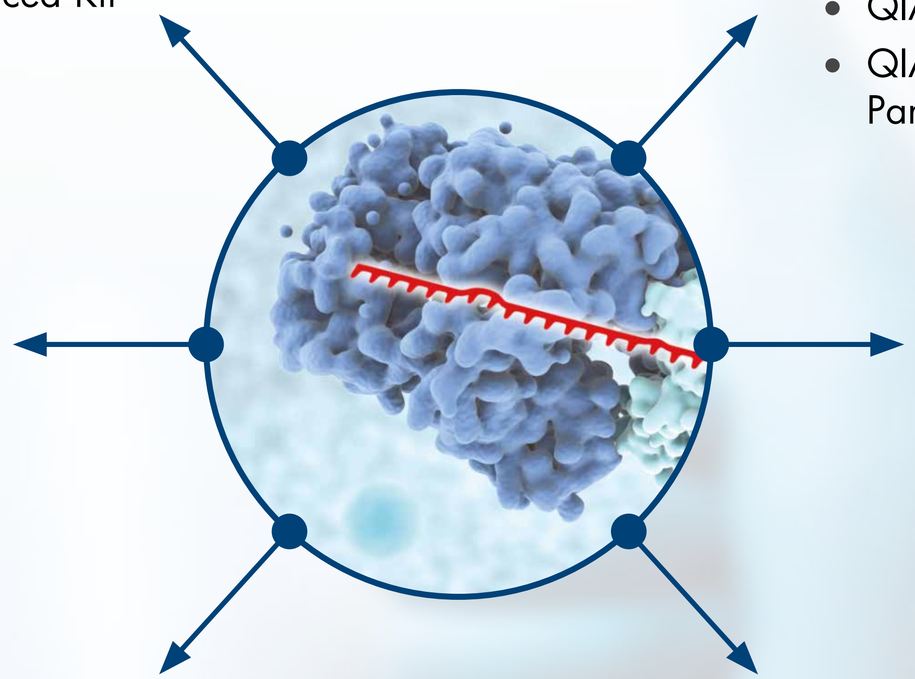
Efficiency without compromising integrity:

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

miRNA sequencing

For new biomarker discovery

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



Complete RNA sequencing service

From initial consultation to advanced data analysis and interpretation, let the experts work for you

Validation by qPCR

Unmatched sensitivity & specifity

- miRCURY LNA PCR System

Data interpretation and visualization

within biological context

- Ingenuity IPA

Bioinformatics software

Comprehensive solution for diverse applications

- CLC Genomics Workbench V12

Download QIAseq miRNA product profile

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Product	Contents	Cat. no.
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
QIAcube HT Plasticware	Plasticware for 480 typical preps on QIAcube HT: 5 S-Blocks, 5 Elution Microtubes RS (EMTR), 120 x 8-Well Strip Caps for EMTR, 9 x 96 Filter-Tips OnCor C, TapePad	950067
miRCURY qPCR Assay	For exceptionally sensitive and specific miRNA profiling using LNA-enhanced miRNA qPCR	Inquire
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	Inquire
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	Inquire

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.

QIAcube Connect is designed to perform fully automated purification of nucleic acids and proteins in molecular biology applications. The system is intended for use by professional users trained in molecular biological techniques and the operation of QIAcube Connect.

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