



# QIAwave Kits

Let's make science more sustainable. Together.

Overview

The lab waste challenge

Eco-friendlier packaging

What's new?

How much will you save?

Quality guaranteed

To be continued...

Ordering Information



Sample to Insight



# The lab waste challenge

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Sustainability is a hot topic, especially in research where large volumes of plastic and cardboard waste continue to be generated. What's more, most lab waste is autoclaved and incinerated, making recycling difficult.

## Did you know?

In 2015, scientists at the University of Exeter in the UK estimated that 5.5 million tons of plastic waste are produced in biomedical research labs across the globe every year.\*



\* Urbina, M., Watts, A. & Reardon, E. Nature 528, 479 (2015).  
<https://doi.org/10.1038/528479c>



# Eco-friendlier packaging for our new purification kits

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## RNeasy Mini Kit (250)



## QIAwave RNA Mini Kit (250)



To help reduce lab waste, we're now offering eco-friendlier versions of our three most popular prep kits.

- QIAwave RNA Mini Kit (based on the RNeasy Mini Kit) for total RNA isolation
- QIAwave DNA Blood & Tissue Kit (based on the DNeasy Blood & Tissue Kit) for genomic DNA isolation
- QIAwave Plasmid Miniprep Kit (based on the QIAprep Spin Miniprep Kit) for plasmid DNA isolation



# What's new about our QIAwave Kits?

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## Concentrated buffers

QIAwave Kits come with new buffer concentrates, saving up to 86% plastic per bottle compared to our standard buffers. You can reconstitute these buffers in four simple steps.

WATCH VIDEO



## Reusable Waste Tubes

We've replaced our standard Collection Tubes with new Waste Tubes made from 100% recycled plastic that you can reuse throughout the procedure without causing cross-contamination.

WATCH VIDEO



# How much will you save?

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The table below shows waste savings in grams/kit and as a percentage reduction compared to our standard kits.



	Plastic savings	Cardboard savings	Paper savings
<b>QIAwave RNA Mini Kit*</b>	876 g (61%)	54 g (38%)	11 g (100%)
<b>QIAwave DNA Blood &amp; Tissue Kit†</b>	909 g (63%)	139 g (42%)	5.3 g (100%)
<b>QIAwave Plasmid Miniprep Kit‡</b>	82.1 g (15%)	17 g (15%)	5.2 g (100%)

\* Savings compared to the RNeasy Mini Kit

† Savings compared to the DNeasy Blood & Tissue Kit

‡ Savings compared to the QIAprep Spin Miniprep Kit



# You still get the same high-quality results

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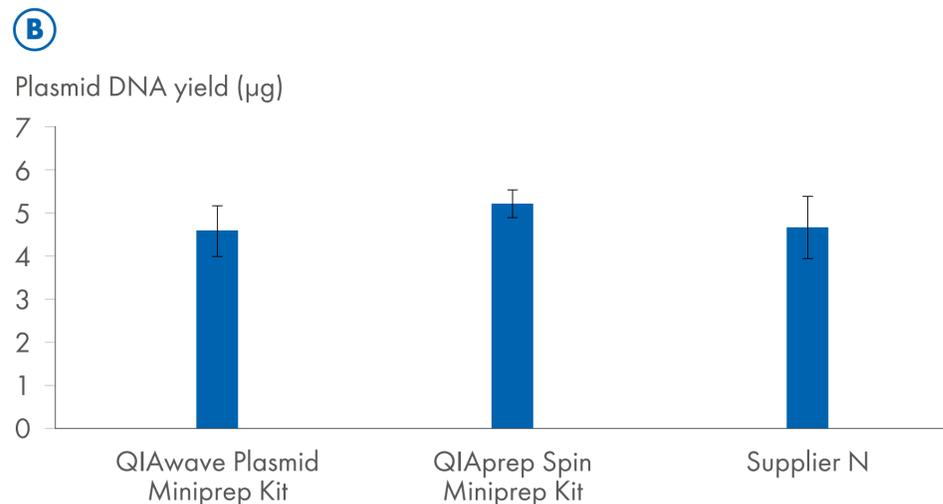
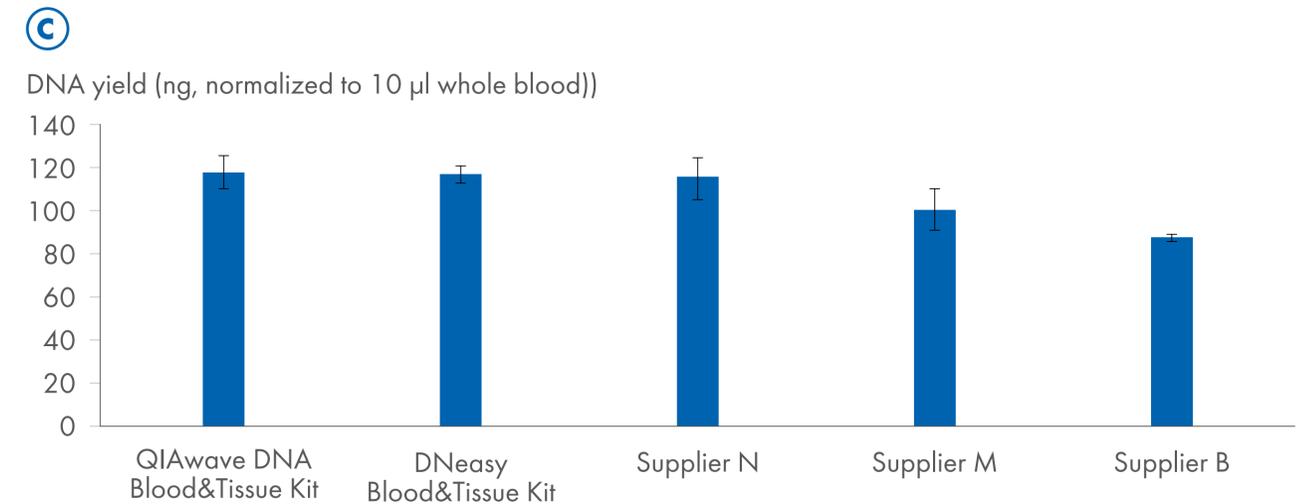
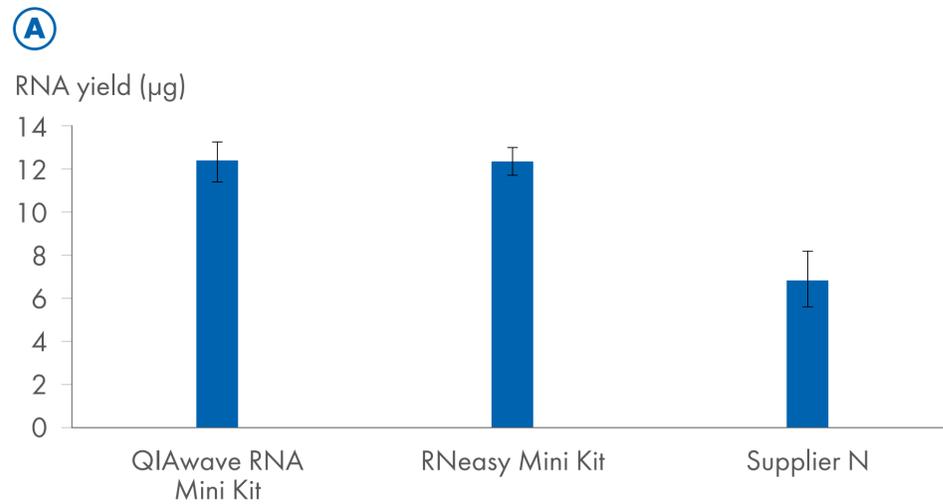
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QIAwave Kit performance. A RNA was purified from  $1 \times 10^6$  Jurkat cells using either the QIAwave RNA Mini Kit, the RNeasy Mini Kit or a kit from Supplier N. During purification, gDNA contamination was removed by DNase I digestion and pure RNA was eluted in RNase-free water. The total RNA yield was determined using a fluorimeter. B Plasmid DNA was isolated from E.coli DH5 cell culture (carrying plasmid pUC 21) using either the QIAwave Plasmid Miniprep Kit, the QIAprep Spin Miniprep Kit or a kit from Supplier N. Total plasmid DNA yield was determined by UV-Vis spectroscopy. C gDNA was purified from whole blood using either the QIAwave DNA Blood & Tissue Kit, the DNeasy Blood & Tissue Kit or kits from Supplier N, M and B. gDNA yield was determined using a fluorimeter and normalized to ng/10  $\mu\text{l}$  whole blood.

QIAwave Kits show:

- Identical performance compared to our standard kits
- Comparable or better performance compared to competitor kits



# To be continued...

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Our eco-friendlier QIAwave packaging and components are only the beginning. Stay tuned as our spin columns and other products continue to evolve on our journey to more sustainable science.





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Product	Contents	Cat. no.
<a href="#"><u>QIAwave RNA Mini Kit (250)</u></a>	250 RNeasy Mini Spin Columns, Waste Tubes (2 ml), RNase-free Reagents and Buffers	74536
<a href="#"><u>QIAwave DNA Blood &amp; Tissue Kit (250)</u></a>	250 DNeasy Mini Spin Columns, Waste Tubes (2 ml), Proteinase K, Buffers, Collection Tubes (2 ml)	69556
<a href="#"><u>QIAwave Plasmid Miniprep Kit (250)</u></a>	250 QIAprep 2.0 Spin Columns, Waste Tubes (2 ml), Reagents	27206
<a href="#"><u>Waste Tubes (2 ml)</u></a>	1000 Waste Tubes (2 ml)	19211
<a href="#"><u>QIAcube Connect</u></a>	Instrument, connectivity package, 1-year warranty on parts and labor	9002864
<a href="#"><u>Starter Pack, QIAcube</u></a>	Reagent bottle racks (3); 200 µl filter-tips (1024); 1000 µl filter-tips (1024); 30 ml reagent bottles (12); rotor adapters (240); rotor adapter holder	990395

Ordering Information

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](http://www.qiagen.com) or can be requested from QIAGEN Technical Services or your local distributor.

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