

Overview

Procedure

Rapid Protocol

Superior Yield

High DNA Integrity

Efficient Inhibitor Removal

Automated on QIAcube

Ordering Information

QIAamp® Fast DNA Tissue Kit

Delivering 5–10-fold more gDNA in 30 minutes from solid tissue



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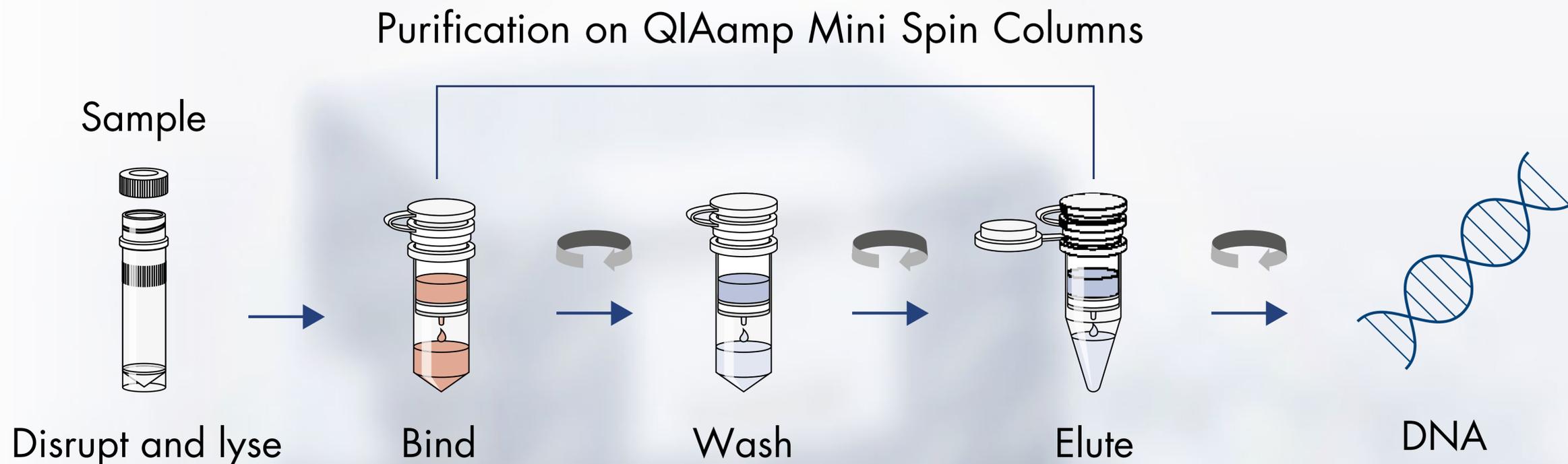
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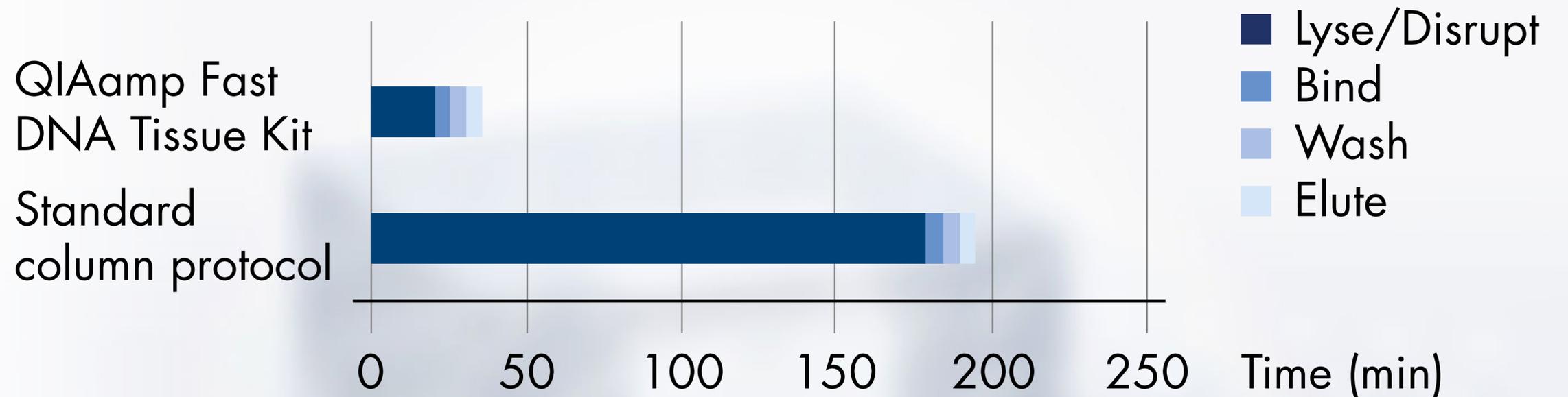
Homogenization and lysis of tissue samples using disruption tubes on a vortexer or in a bead mill, such as the TissueLyser II or LT



Get results faster with our new disruption protocol

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Protocol in minutes



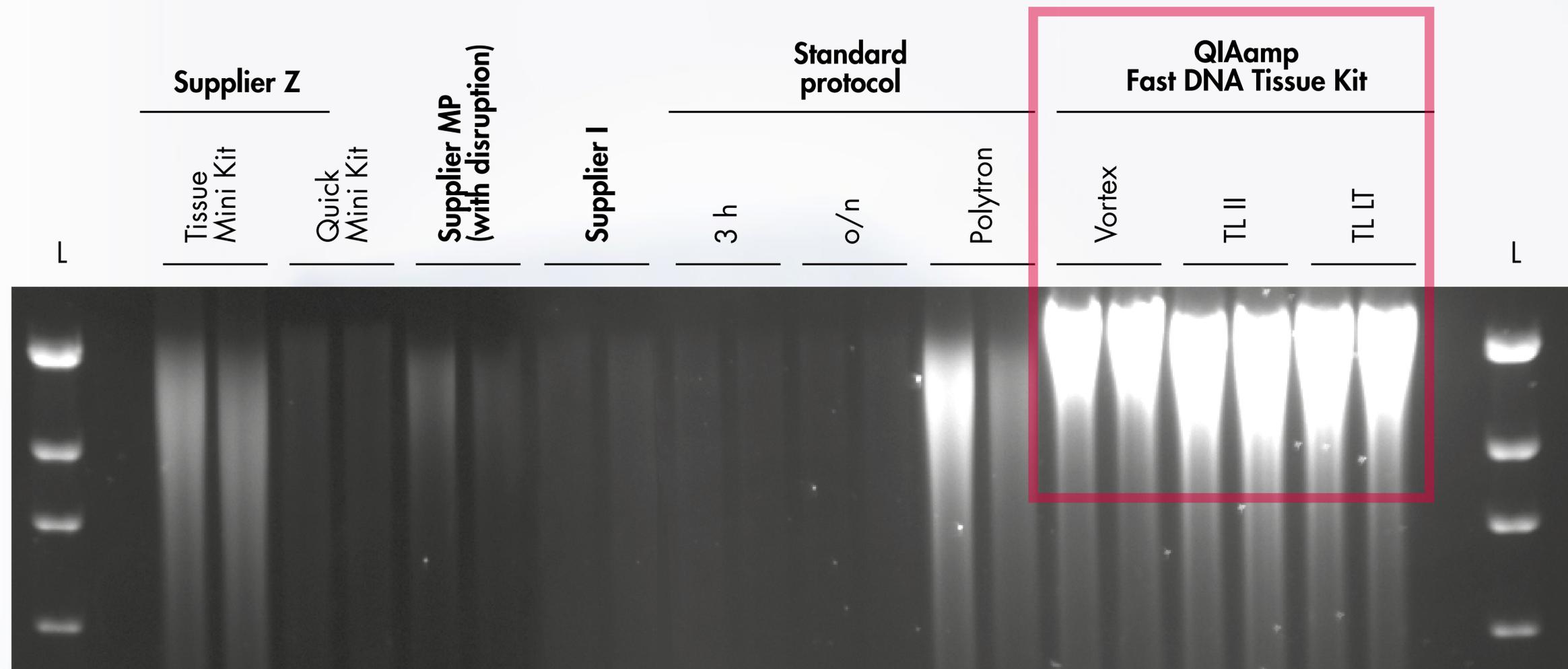
- Tissue Disruption Tubes with a specially shaped ballcone bead for effective disruption
- Proteinase K for complete lysis



- Reduced lysis time from hours to just 15 minutes
- No overnight incubation

Extract up to 10-fold more DNA

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Yield analysis of genomic DNA extracted using different protocols

gDNA isolated from 10 mg rat liver tissue and analyzed on an agarose gel.

Recover highly intact DNA for PCR and NGS applications

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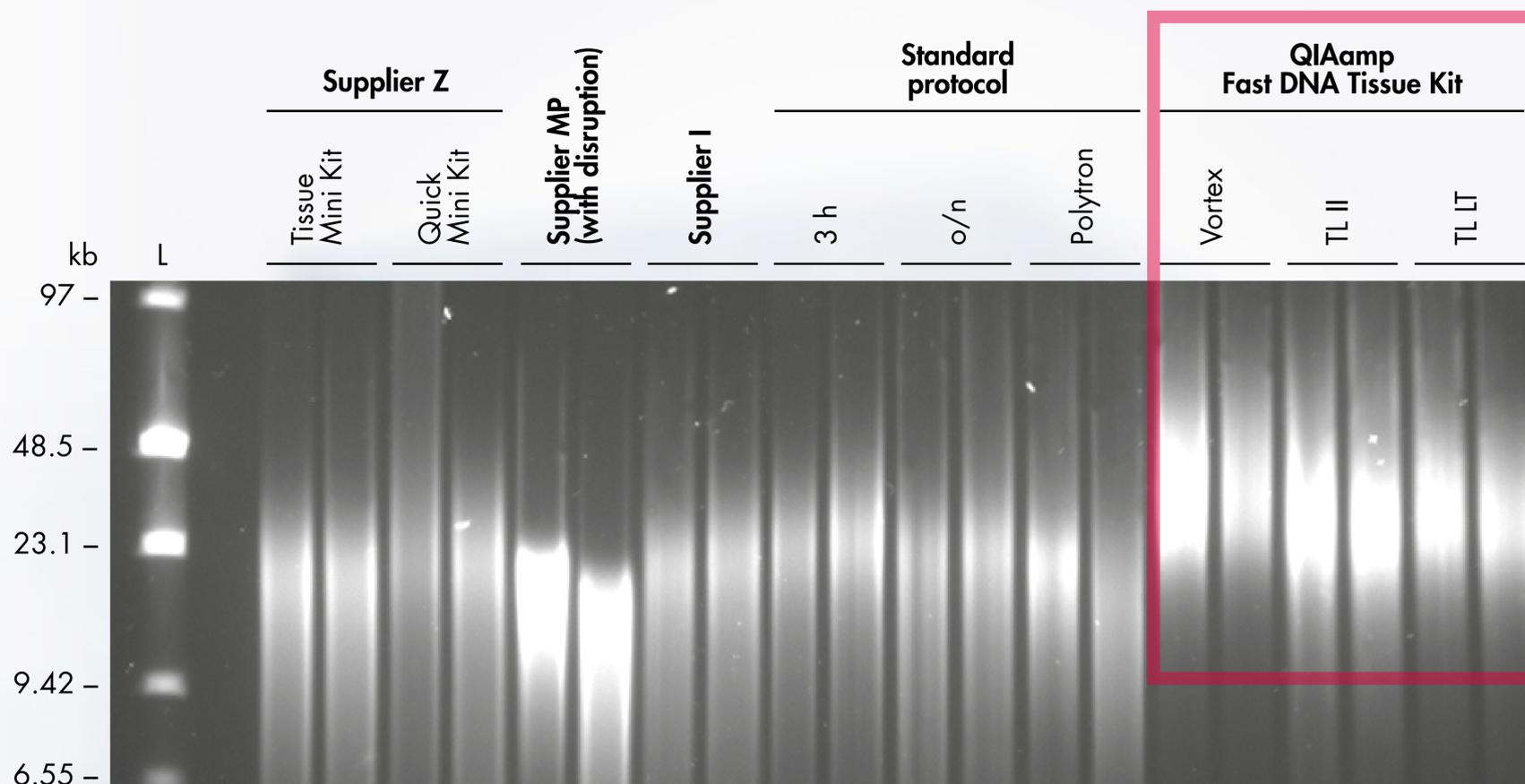
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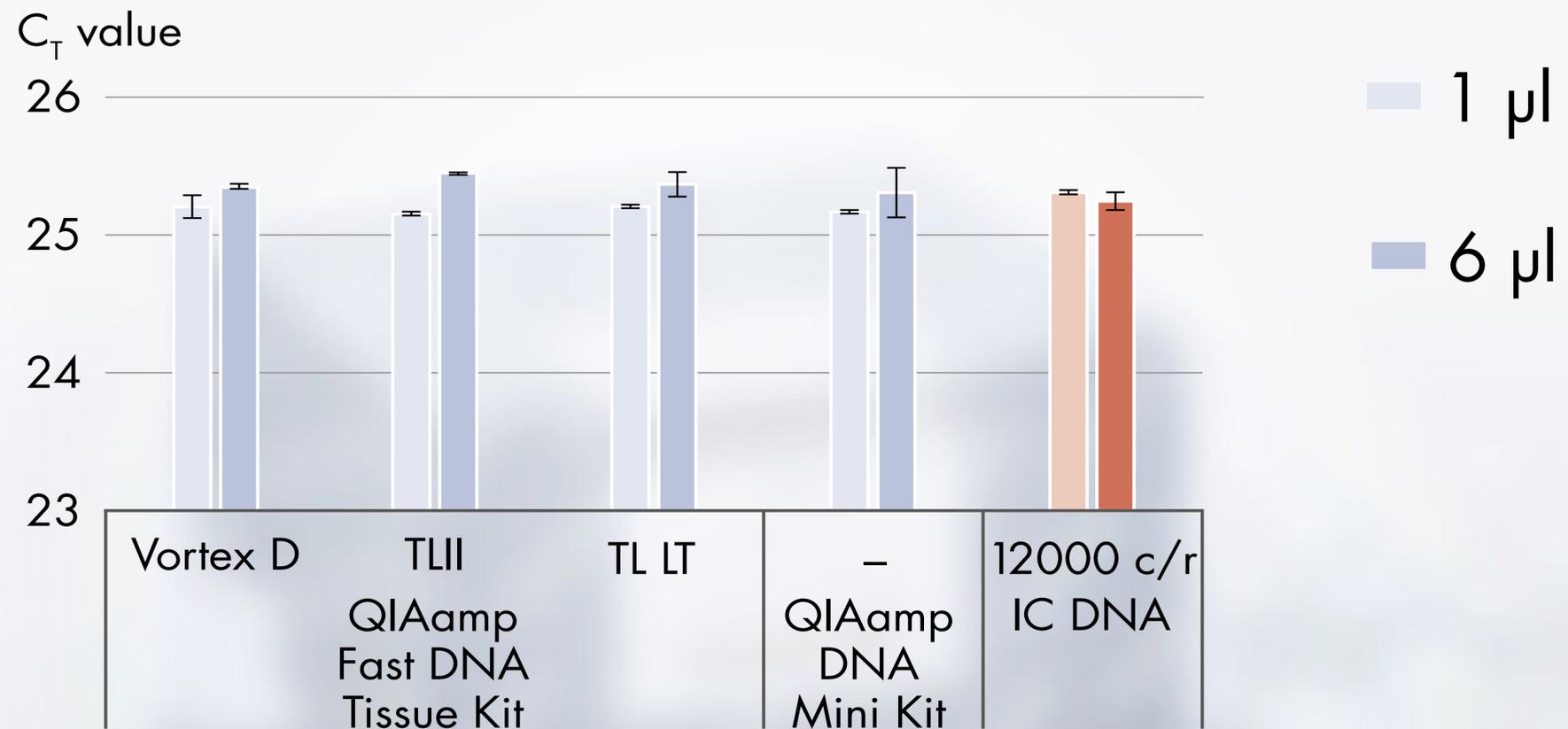


PFGE analysis of genomic DNA obtained using different protocols

gDNA isolated from rat kidney tissue to analyze the integrity. While other kits show high fragmentation down to a few kb, DNA purified using the QIAamp Kit ranges between 25–50 kb.

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Eliminate inhibitors and ensure downstream data accuracy



Comparison of two QIAamp Kits for inhibitor removal efficiency

Internal controls (IC) amplified in the presence of DNA isolated from 10 mg porcine ear-punches. Amplification of the internal control unaffected after addition of eluates. The QIAamp Fast DNA Tissue Kit removed inhibitors as efficiently as the standard QIAamp DNA Mini Kit.

Automate your DNA purification on the QIAcube®

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- No change of purification chemistry required
- More free time with affordable automated processing
- Standardized results and increased productivity

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Product	Contents	Cat. no.
QIAamp Fast DNA Tissue Kit	For 50 preps: QIAamp spin Columns, QIAGEN Proteinase K, RNase A, Tissue Disruption Tubes, Buffers	51404
TissueLyser II	Bead mill, 100–120/220–240 V, 50/60 Hz; requires the TissueLyser Adapter Set 2 x 24 (cat. no. 69982) or TissueLyser Adapter Set 2 x 96 (cat. no. 69984)	85300
TissueLyser LT	Compact bead mill, 100–240 V AC, 50–60 Hz; requires the TissueLyser LT Adapter, 12-Tube (cat. no. 69980)	85600
QIAcube	Robotic workstation for automated purification of nucleic acids or proteins using QIAGEN spin-column kits, 1-year warranty on parts and labor	9001292 *

* QIAcube (110 V) cat. no. 9001292 or QIAcube (230 V) cat. no. 9001293.

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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