

Investigator[®] STAR[™] Lyse&Prep Kit

A superior-quality magnetic bead kit for high-throughput sample preparation from forensic casework samples

Modern forensic laboratories are faced with the challenge of expanding throughput to meet increasing demand, while maintaining the highest possible success rates and quality standards. The Investigator STAR Lyse&Prep Kit is designed to address this need. The kit, based on QIAGEN's leading magnetic-bead chemistry, is designed specifically for high-throughput sample prep on QIAGEN and Hamilton[®] liquid-handling systems, and offers several unique features:

- Pre-validated high-throughput sample prep for use on QIAGEN STAR Q and Hamilton STARline platforms
- Kit format designed to align with high-quantity batching, maximizing kit usage and minimizing cost
- Trusted QIAGEN bead technology
- Production according to ISO 18385

The Investigator STAR Lyse&Prep Kit consists of all components needed for sample lysis and purification. The simple but very effective 'bind, wash, elute' magnetic bead workflow (Figure 1) ensures highly reproducible and sensitive recovery of clean, PCR-ready DNA, from a wide range of forensic samples, suitable for direct use in downstream applications, such as STR analysis (Figure 2). ▷

Table 1. Technical information

Instrument	STAR Q SP/AS, Hamilton STAR, Hamilton STARlet
Sample input volume (lysis volume)	300 µl or 500 µl
Elution volume	50 or 100 µl

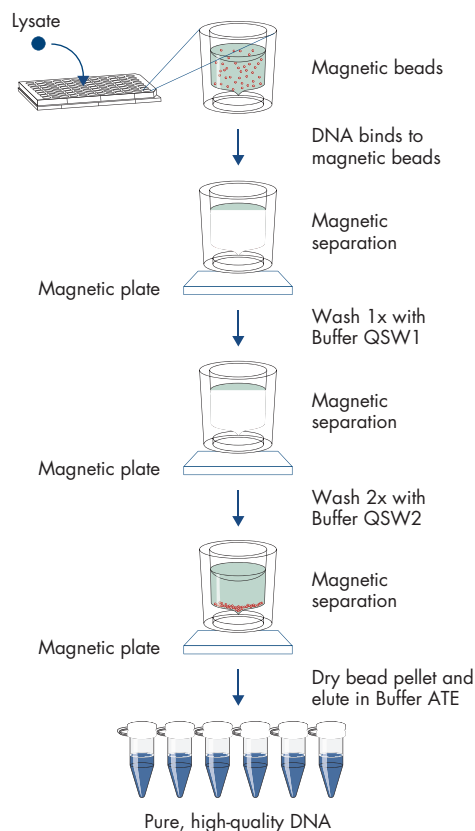


Figure 1. Schematic procedure of the sample prep workflow using the Investigator Lyse&Prep Kit on the STAR Q Instruments.

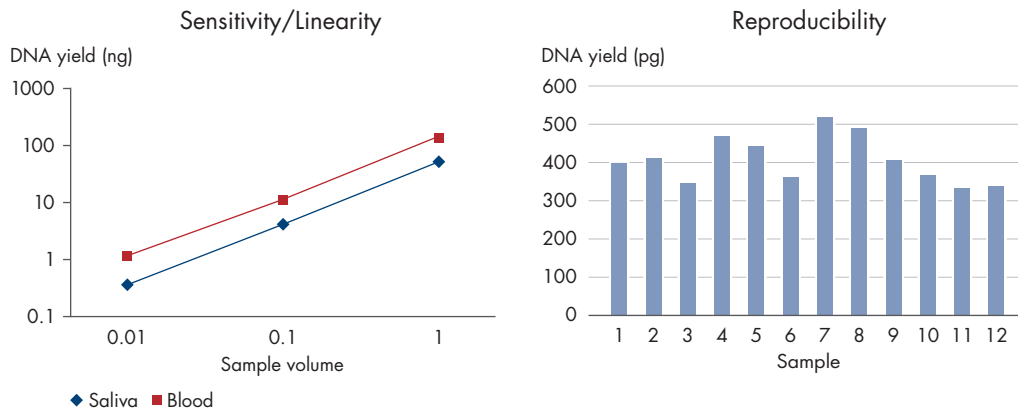


Figure 2. Sensitivity and reproducibility of the Investigator STAR Lyse&Prep Kit. Data was generated using the 300 µl protocol on the STAR Q SP/AS instrument.

Ordering Information

Product	Contents	Cat. no.
Investigator STAR Lyse&Prep Kit (400)	Buffer ATL, Buffer QSL3, Buffer QSW1, Buffer QSW2, Bead Suspension G, Buffer ATE, Proteinase K, Carrier RNA, Q-Card, Handbook	931447
STAR Q SP/AS Instrument	Liquid-Handling Instrument, PC, STAR Q SP/AS Software	9002650

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.

Visit www.qiagen.com/forensics to find out more!

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