

# D-Pure™ DyeTerminator Cleanup Kit

Enabling Automation Technologies for Sanger (Cycle) Sequencing

- ✓ A rapid, high performance dye-terminator removal process based on magnetic beads
- ✓ Completely automatable with liquid handling systems
- ✓ Cost-effective
- ✓ Reduce sample-to-sample variation



The D-Pure™ DyeTerminator Cleanup kit is a magnetic bead-based, low to high-throughput purification method for DNA sequencing reactions (BigDye™ or BrilliantDye® terminator v1.1 or 3.1). The kit consists of a magnetic beads solution. With this paramagnetic bead format you can easily perform manual or fully automated, high-throughput dye-terminator removal without any centrifugation or filtration steps.

Each component has been optimized for removing salts and unincorporated Dye-dideoxynucleotides from DNA sequencing reaction mixtures. The purified DNA products are very stable and the protocol can be easily adapted in current workflows, with identical protocol to other bead based systems on the market.

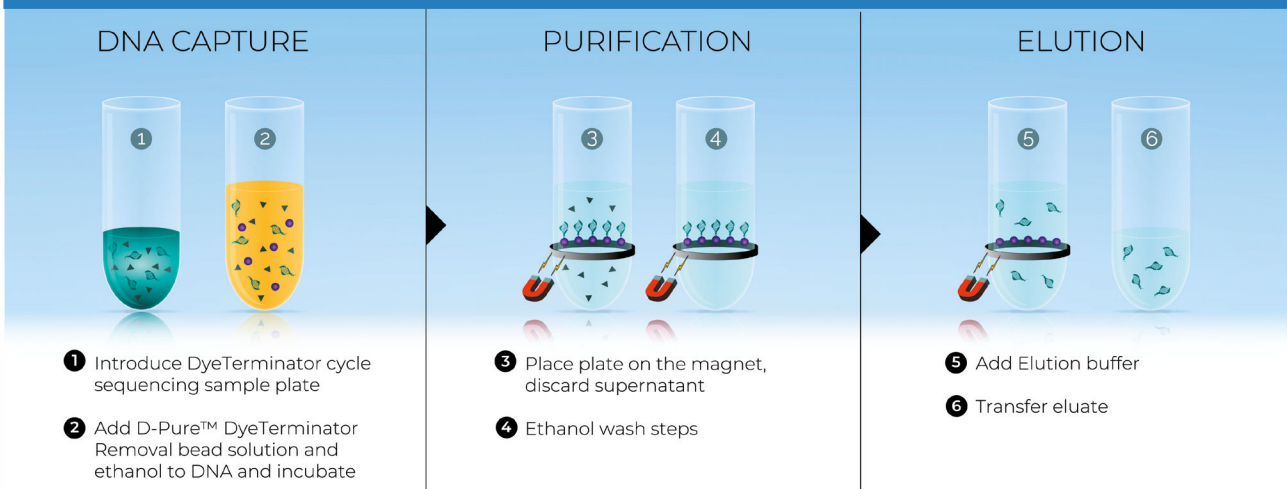
## High Quality

With D-Pure™ purified sequencing reactions result in clean chromatograms, very high Signal-to-Noise (S/N) ratios, High Quality scores and long read lengths, with 100% removal of any DyeTerminator dye blobs, often seen in poorly purified reaction chromatograms.

## Alpaqua magnet plates

NimaGen also offers Alpaqua magnet plates, the leading brand for magnetic separation devices. The plates are used in combination with D-Pure™ DyeTerminator removal or other magnetic bead-based products and are optimized for automation.

Figure 3 | Workflow D-Pure™ DyeTerminator Cleanup Kit



- For research use only -

## Product and Company Information:

**Product name:**  
D-Pure™ DyeTerminator  
Cleanup Kit

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