

iX-Pure™

Rapid DyeTerminator Resin Based Cleanup

- ✓ Eliminate liquid transfer: Use a single plate
- ✓ Efficient removal of cycle sequencing reaction contaminants
- ✓ Straightforward protocol
- ✓ Very competitive prices
- ✓ Rapid and reliable results
- ✓ Compatible with BigDye XTerminator™ run modules

The iX-Pure™ purification kit is a fast purification method for DNA sequencing reactions that removes unincorporated DyeTerminators and salts. The cleanup is complete in under 40 minutes and requires minimal hands-on time.

Compatibility

These reagents can be added as a premix or sequentially. Compatible with BigDye XTerminator™ run modules.

It is essential to remove the contaminants, especially the unincorporated ddNTP dyes, from the completed sequencing reaction. Failure to remove these contaminants results in signal reduction and interference of peak separation and reading. Different mechanisms are available for cleaning up the sequencing reactions. In one mechanism, contaminants bind to special resins and get removed. In another mechanism, extension products bind to magnetic beads and are separated from contaminants. Contaminants can also be removed by ethanol

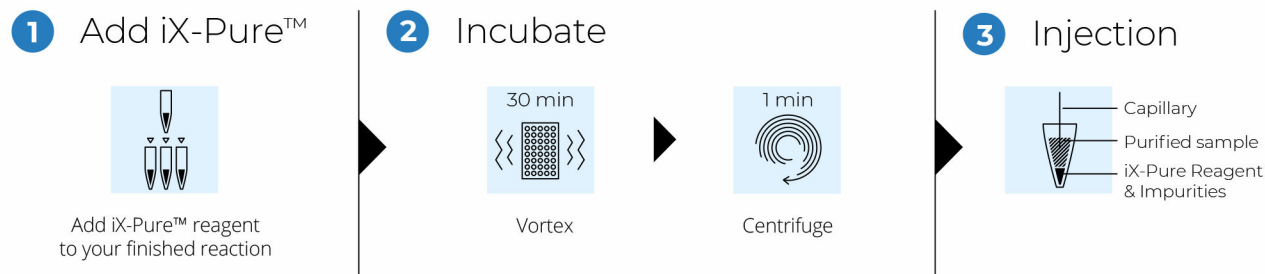


Resin based DyeTerminator removal

precipitation of DNA, a time-consuming procedure. It is important to compare the performance of different purification kits in terms of downstream sequencing quality.

We provide iX-Pure™ Purification Kit and iX-Pure™ Sequencing Reaction Cleaning Beads, both of which are optimized for downstream sequencing performance.

iX-Pure™ workflow



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Product and Company Information:

Product name:

iX-Pure™ Rapid DyeTerminator
Resin Based Cleanup

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