

# BigDye® XTerminator™ Purification Kit

Product P/N 4376484, 4376485, 4376486, 4376487  
Insert P/N 4376151 REV C  
Printed in USA



For Research Use Only.  
Not for use in diagnostic procedures.

**Kit Contents:** BigDye® XTerminator™ Solution and SAM™ Solution.

## Storage Conditions:

BigDye® XTerminator™ Solution: Store at 2 °C – 8 °C. Do not freeze.

SAM™ Solution: Store at 2 °C – 8 °C or ambient. Do not freeze.

**To download kit protocols and run modules go to:** [www.appliedbiosystems.com/support](http://www.appliedbiosystems.com/support)

## To install BigDye® XTerminator™ run modules:

1. Go to [www.appliedbiosystems.com/support](http://www.appliedbiosystems.com/support)
2. Click on 'Software Downloads' to show downloads page
3. Select 'Applied Biosystems BigDye® XTerminator™ Support Files'
4. Download and run BigDye® XTerminator™ Installer (BDx\_installer.exe).

## Purification Protocol Summary:

See BigDye® XTerminator™ Purification Kit Protocol P/N 4374408 for details.

Reaction size	Plate Type	SAM™ Solution (μL)	BigDye® XTerminator™ Solution (μL)
10μL	96-well	45	10
20μL	96-well	90	20

Note: SAM™ Solution and BigDye® XTerminator™ Solution can be premixed at a 4.5 to 1 (v/v) ratio up to 24 hours before use. Premixed reagents can be pipetted using conventional pipette tips. See BigDye® XTerminator™ Protocol (P/N 4374408) for details on reagent handling.

1. To each well add the volume of SAM™ Solution specified in the table above.
2. To each well add the volume of BigDye® XTerminator™ Solution specified in the table above *using wide bore pipette tips (orifice of 1.0 mm or greater)*.
3. Seal the plate with heat seal film or AB adhesive cover (P/N 4306311)
4. Thoroughly mix the contents of the plate for 30 minutes. Supported mixers are described in the BigDye® XTerminator™ Protocol (P/N 4374408).
5. Centrifuge the plate at 1000 xg for 2 minutes.
6. Run plate on 31xx Genetic Analyzer or 3730/3730x1 DNA Sequencer using BigDye® XTerminator™ run module.

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